

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024780.D
 Acq On : 13 Oct 2021 11:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:35:55 PM

Quant Time: Oct 13 12:22:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:21:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.562	168	160517	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	255310	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	242495	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	126476	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	98549	43.56	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	87.12%		
35) Dibromofluoromethane	5.391	113	74461	43.90	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	87.80%		
50) Toluene-d8	8.653	98	277233	44.41	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	88.82%#		
62) 4-Bromofluorobenzene	11.085	95	109020	44.42	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	88.84%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	89566	55.45	ug/l	98
3) Chloromethane	1.294	50	75255	49.43	ug/l	99
4) Vinyl Chloride	1.374	62	80099	50.30	ug/l	99
5) Bromomethane	1.599	94	44997	41.98	ug/l	98
6) Chloroethane	1.679	64	50289	41.39	ug/l	99
7) Trichlorofluoromethane	1.886	101	137412	48.89	ug/l	97
8) Diethyl Ether	2.136	74	45646	47.72	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	78087	49.27	ug/l	97
10) Methyl Iodide	2.453	142	100387	45.27	ug/l	91
11) Tert butyl alcohol	2.977	59	112100	196.46	ug/l	98
12) 1,1-Dichloroethene	2.319	96	72598	49.34	ug/l	93
13) Acrolein	2.239	56	42693	351.11	ug/l	97
14) Allyl chloride	2.666	41	136640	50.79	ug/l	93
15) Acrylonitrile	3.069	53	249695	242.95	ug/l	98
16) Acetone	2.386	43	279532	264.86	ug/l	92
17) Carbon Disulfide	2.514	76	182023	46.10	ug/l	99
18) Methyl Acetate	2.709	43	172414	50.90	ug/l	93
19) Methyl tert-butyl Ether	3.123	73	274915	49.58	ug/l	99
20) Methylene Chloride	2.794	84	83152	43.21	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	79743	47.73	ug/l	92
22) Diisopropyl ether	3.770	45	273435	49.75	ug/l	98
23) Vinyl Acetate	3.733	43	1084264	243.62	ug/l	95
24) 1,1-Dichloroethane	3.617	63	152632	50.02	ug/l	97
25) 2-Butanone	4.568	43	387286	248.58	ug/l	94
26) 2,2-Dichloropropane	4.483	77	136641	49.78	ug/l	98
27) cis-1,2-Dichloroethene	4.495	96	93725	47.99	ug/l	95
28) Bromochloromethane	4.910	49	61716	44.55	ug/l	96
29) Tetrahydrofuran	5.013	42	241629	243.40	ug/l	91
30) Chloroform	5.099	83	167333	49.65	ug/l	97
31) Cyclohexane	5.477	56	139765	51.59	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	151220	50.54	ug/l	99
36) 1,1-Dichloropropene	5.702	75	119036	48.63	ug/l	99
37) Ethyl Acetate	4.727	43	138996	45.49	ug/l	95
38) Carbon Tetrachloride	5.684	117	133327	50.04	ug/l	99
39) Methylcyclohexane	7.385	83	145065	50.62	ug/l	97
40) Benzene	6.044	78	341253	48.76	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
 Data File : VX024780.D
 Acq On : 13 Oct 2021 11:14
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

apatel
 10/14/2021 2:35:55 PM

Quant Time: Oct 13 12:22:37 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 13 12:21:53 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	76486	48.47	ug/l	93
42) 1,2-Dichloroethane	6.092	62	140035	47.64	ug/l	94
43) Isopropyl Acetate	6.348	43	217331	46.78	ug/l	94
44) Trichloroethene	7.129	130	92129	47.84	ug/l	99
45) 1,2-Dichloropropane	7.434	63	88423	48.97	ug/l	99
46) Dibromomethane	7.586	93	63961	47.24	ug/l	97
47) Bromodichloromethane	7.830	83	123896	49.93	ug/l	97
48) Methyl methacrylate	7.696	41	108299	47.08	ug/l	89
49) 1,4-Dioxane	7.665	88	46382	880.30	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	737916	240.60	ug/l	91
52) Toluene	8.720	92	223227	49.38	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	142181	50.55	ug/l	98
54) cis-1,3-Dichloropropene	8.372	75	147601	51.61	ug/l	94
55) 1,1,2-Trichloroethane	9.153	97	94269	50.43	ug/l	99
56) Ethyl methacrylate	9.122	69	147312	49.51	ug/l #	86
57) 1,3-Dichloropropane	9.311	76	154762	49.07	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	334645	227.86	ug/l	98
59) 2-Hexanone	9.433	43	593060	245.54	ug/l	89
60) Dibromochloromethane	9.525	129	97840	51.64	ug/l	100
61) 1,2-Dibromoethane	9.616	107	102414	49.90	ug/l	98
64) Tetrachloroethene	9.275	164	89882	53.55	ug/l	94
65) Chlorobenzene	10.079	112	246924	48.88	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	92878	49.33	ug/l	99
67) Ethyl Benzene	10.195	91	441325	49.35	ug/l	100
68) m/p-Xylenes	10.305	106	350877	102.32	ug/l	100
69) o-Xylene	10.646	106	170288	50.22	ug/l	98
70) Styrene	10.659	104	289761	51.10	ug/l	99
71) Bromoform	10.805	173	72405	50.39	ug/l #	99
73) Isopropylbenzene	10.963	105	453828	50.76	ug/l	100
74) N-amyl acetate	10.848	43	193415	47.03	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	148253	46.89	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	141090m	49.12	ug/l	
77) Bromobenzene	11.201	156	111311	48.38	ug/l	95
78) n-propylbenzene	11.305	91	524117	50.14	ug/l	99
79) 2-Chlorotoluene	11.366	91	317575	49.88	ug/l	99
80) 1,3,5-Trimethylbenzene	11.457	105	394507	51.65	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	49925	51.61	ug/l	93
82) 4-Chlorotoluene	11.457	91	369521	49.33	ug/l	100
83) tert-Butylbenzene	11.719	119	379984	49.62	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	396183	52.17	ug/l	99
85) sec-Butylbenzene	11.896	105	485808	51.57	ug/l	99
86) p-Isopropyltoluene	12.012	119	415297	51.70	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	210221	47.98	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	212058	46.85	ug/l	98
89) n-Butylbenzene	12.335	91	360748	50.71	ug/l	98
90) Hexachloroethane	12.542	117	64819	49.07	ug/l	96
91) 1,2-Dichlorobenzene	12.335	146	210119	48.51	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	35432	46.41	ug/l	94
93) 1,2,4-Trichlorobenzene	13.591	180	132800	48.15	ug/l	98
94) Hexachlorobutadiene	13.725	225	60895	48.27	ug/l	99
95) Naphthalene	13.780	128	461334	52.26	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	136421	48.27	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101321\
Data File : VX024780.D
Acq On : 13 Oct 2021 11:14
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

apatel
10/14/2021 2:35:55 PM

Quant Time: Oct 13 12:22:37 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
Quant Title : SW846 8260
QLast Update : Wed Oct 13 12:21:53 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

apatel
10/14/2021 2:35:55 PM

TIC: VX024780.D\data.ms

Abundance

Time-->

Labeled Peaks (Retention Time - Chemical Name):

- Dichlorodifluoromethane, T
- Chloroacetylene, C
- Bromomethane, T
- Trichlorofluoromethane, T
- Diethyl Ether, T
- Acrolein, T
- Methylsulfoxide, T
- Methylchloride, I
- Methylalcohol, T
- Tert-butyl alcohol, T
- Methylcyclopentadiene, T
- Vinyl acetate, T
- 1,1-Dichloroethane, P
- Disopropyl ether, T
- Ethyl Acetate, T
- 2-Butanone, T
- Methylchlorosulfonate, T
- Chloroform, C
- Pentachlorobenzene, S
- Cyclohexanone, T
- 1,2-Dichloroethane, TM
- Isopropyl Acetate, T
- 1,4-Difluorobenzene, I
- Trichloroethene, TM
- 1,2-Dichloropropane, T
- 1,4-Dioxane, T
- Methyl methacrylate, T
- Bromochloromethane, T
- cis-1,3-Dichloropropene, T
- 2-Chloroethyl Vinyl ether, T
- 4-Methyl-2-Pentanone, T
- 2-Hexanone, T
- 1,2-Dibromoethane, T
- 1,1,1,2-Tetrachloroethane, TM
- 1,1,2-Trichloroethane, TM
- Chlorobenzene, C
- Ethyl Benzene, C
- N-amyl acetate, T
- Styrene, T
- o-Xylene, T
- Isopropylbenzene, T
- Propylbenzene, T
- 2-Chlorotoluene, T
- 1-Ethyl-3-methylbenzene, T
- 1,2,4-Trimethylbenzene, T
- sec-Butylbenzene, T
- 1,4-Dichlorobenzene, T
- 1,2-Dichlorobenzene-d4, IP
- Isopropyltoluene, T
- Hexachloroethane, T
- 1,2-Dibromo-3-Chloropropane, T
- Hexachlorobutadiene, J
- 1,2,4-Trichlorobenzene, T
- Naphthalene, T
- 1,2,3-Trichlorobenzene, T