

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024810.D
 Acq On : 14 Oct 2021 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/15/2021 1:19:31 PM

Quant Time: Oct 14 13:29:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	175549	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	270450	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	252405	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	135389	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	106481	49.35	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 98.70%			
35) Dibromofluoromethane	5.391	113	83653	51.96	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.92%			
50) Toluene-d8	8.653	98	312679	52.50	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 105.00%			
62) 4-Bromofluorobenzene	11.085	95	123829	52.87	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 105.74%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.166	85	97402	52.09	ug/l	98
3) Chloromethane	1.294	50	79883	49.06	ug/l	99
4) Vinyl Chloride	1.374	62	86147	51.06	ug/l	98
5) Bromomethane	1.599	94	48977	56.46	ug/l	98
6) Chloroethane	1.678	64	52469	50.54	ug/l	97
7) Trichlorofluoromethane	1.880	101	144537	50.14	ug/l	98
8) Diethyl Ether	2.136	74	48183	50.91	ug/l	100
9) 1,1,2-Trichlorotrifluo...	2.325	101	87860	51.83	ug/l	99
10) Methyl Iodide	2.453	142	108562	50.74	ug/l	98
11) Tert butyl alcohol	2.977	59	108998	239.67	ug/l	100
12) 1,1-Dichloroethene	2.319	96	78123	51.01	ug/l	99
13) Acrolein	2.239	56	50078	265.17	ug/l	100
14) Allyl chloride	2.666	41	143658	51.93	ug/l	97
15) Acrylonitrile	3.068	53	257209	253.64	ug/l	100
16) Acetone	2.386	43	292720	276.92	ug/l	99
17) Carbon Disulfide	2.508	76	195529	48.87	ug/l	99
18) Methyl Acetate	2.709	43	179306	50.34	ug/l	99
19) Methyl tert-butyl Ether	3.123	73	295256	52.20	ug/l	99
20) Methylene Chloride	2.788	84	91920	50.23	ug/l	99
21) trans-1,2-Dichloroethene	3.093	96	86044	50.34	ug/l	96
22) Diisopropyl ether	3.770	45	293084	52.49	ug/l	92
23) Vinyl Acetate	3.727	43	1139010	265.62	ug/l	99
24) 1,1-Dichloroethane	3.611	63	163616	50.93	ug/l	100
25) 2-Butanone	4.562	43	396854	258.44	ug/l	100
26) 2,2-Dichloropropane	4.477	77	148342	53.11	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	101045	51.57	ug/l	100
28) Bromochloromethane	4.904	49	68106	50.76	ug/l	100
29) Tetrahydrofuran	5.013	42	244856	250.93	ug/l	100
30) Chloroform	5.099	83	176029	50.98	ug/l	97
31) Cyclohexane	5.470	56	150588	52.39	ug/l	97
32) 1,1,1-Trichloroethane	5.385	97	159728	51.82	ug/l	99
36) 1,1-Dichloropropene	5.696	75	126025	52.65	ug/l	98
37) Ethyl Acetate	4.721	43	142285	51.60	ug/l	99
38) Carbon Tetrachloride	5.678	117	140681	52.46	ug/l	98
39) Methylcyclohexane	7.379	83	164398	55.41	ug/l	99
40) Benzene	6.044	78	364448	52.98	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024810.D
 Acq On : 14 Oct 2021 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

apatel
 10/15/2021 1:19:31 PM

Quant Time: Oct 14 13:29:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.928	41	77956	51.82	ug/l	98
42) 1,2-Dichloroethane	6.092	62	143040	50.50	ug/l	98
43) Isopropyl Acetate	6.348	43	224861	52.72	ug/l	99
44) Trichloroethene	7.129	130	101074	52.42	ug/l	100
45) 1,2-Dichloropropane	7.434	63	94503	52.82	ug/l	99
46) Dibromomethane	7.586	93	67367	52.02	ug/l	98
47) Bromodichloromethane	7.824	83	130092	53.14	ug/l	99
48) Methyl methacrylate	7.696	41	113219	54.43	ug/l	98
49) 1,4-Dioxane	7.665	88	46040	1027.03	ug/l	98
51) 4-Methyl-2-Pentanone	8.580	43	745774	263.43	ug/l	99
52) Toluene	8.720	92	240208	53.96	ug/l	100
53) t-1,3-Dichloropropene	8.982	75	150302	55.25	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	157005	55.08	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	100538	53.45	ug/l	97
56) Ethyl methacrylate	9.122	69	155216	49.93	ug/l	97
57) 1,3-Dichloropropane	9.311	76	161354	52.62	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	350393	266.55	ug/l	100
59) 2-Hexanone	9.433	43	590296	252.99	ug/l	98
60) Dibromochloromethane	9.525	129	104582	50.04	ug/l	100
61) 1,2-Dibromoethane	9.610	107	108296	53.57	ug/l	99
64) Tetrachloroethene	9.275	164	98231	53.18	ug/l	98
65) Chlorobenzene	10.079	112	262726	53.16	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	98987	53.99	ug/l	99
67) Ethyl Benzene	10.195	91	474774	55.12	ug/l	99
68) m/p-Xylenes	10.305	106	373487	112.40	ug/l	99
69) o-Xylene	10.646	106	183645	56.32	ug/l	98
70) Styrene	10.659	104	306660	52.48	ug/l	99
71) Bromoform	10.805	173	76135	48.98	ug/l #	98
73) Isopropylbenzene	10.963	105	488883	54.59	ug/l	100
74) N-amyl acetate	10.848	43	199083	53.07	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	157343	51.81	ug/l	100
76) 1,2,3-Trichloropropane	11.244	75	148978m	52.74	ug/l	
77) Bromobenzene	11.201	156	118166	51.36	ug/l	99
78) n-propylbenzene	11.305	91	573671	55.60	ug/l	100
79) 2-Chlorotoluene	11.366	91	340930	53.66	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	427562	56.29	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	51923	49.78	ug/l	97
82) 4-Chlorotoluene	11.457	91	395878	53.62	ug/l	99
83) tert-Butylbenzene	11.719	119	413490	56.17	ug/l	98
84) 1,2,4-Trimethylbenzene	11.756	105	426836	55.74	ug/l	99
85) sec-Butylbenzene	11.896	105	531510	56.40	ug/l	100
86) p-Isopropyltoluene	12.012	119	453920	57.40	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	230981	53.25	ug/l	100
88) 1,4-Dichlorobenzene	12.042	146	231612	52.24	ug/l	99
89) n-Butylbenzene	12.335	91	396479	56.90	ug/l	98
90) Hexachloroethane	12.542	117	69679	54.91	ug/l	100
91) 1,2-Dichlorobenzene	12.335	146	227771	53.12	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	36682	52.79	ug/l	98
93) 1,2,4-Trichlorobenzene	13.591	180	146064	55.82	ug/l	99
94) Hexachlorobutadiene	13.725	225	67767	53.64	ug/l	98
95) Naphthalene	13.780	128	488370	51.17	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	146971	55.89	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX101421\
 Data File : VX024810.D
 Acq On : 14 Oct 2021 13:04
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
ClientSampleId :
 VSTDCCC050

Manual Integrations
APPROVED

apatel
 10/15/2021 1:19:31 PM

Quant Time: Oct 14 13:29:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X101321W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 14 03:51:38 2021
 Response via : Initial Calibration

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

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

