

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021868.D
 Acq On : 07 May 2021 11:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:47 PM

Quant Time: May 07 12:03:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 07 12:00:15 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	87637	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	169099	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.061	117	154343	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	72680	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.971	65	70182	64.60	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery = 129.20%#			
35) Dibromofluoromethane	5.397	113	55681	50.58	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.16%			
50) Toluene-d8	8.653	98	214828	50.91	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery = 101.82%			
62) 4-Bromofluorobenzene	11.085	95	84957	53.28	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 106.56%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.167	85	58042	64.95	ug/l	98
3) Chloromethane	1.295	50	67815	53.41	ug/l	100
4) Vinyl Chloride	1.374	62	77657	71.10	ug/l	99
5) Bromomethane	1.599	94	27010	58.79	ug/l	94
6) Chloroethane	1.679	64	43264	64.08	ug/l	100
7) Trichlorofluoromethane	1.880	101	108156	73.07	ug/l	99
8) Diethyl Ether	2.136	74	43463	71.68	ug/l	89
9) 1,1,2-Trichlorotrifluo...	2.325	101	53037	62.35	ug/l	93
10) Methyl Iodide	2.453	142	70177	98.13	ug/l	98
11) Tert butyl alcohol	2.983	59	91124	368.32	ug/l	98
12) 1,1-Dichloroethene	2.319	96	56108	65.31	ug/l	95
13) Acrolein	2.240	56	37123	215.56	ug/l	94
14) Allyl chloride	2.666	41	104796	73.26	ug/l	97
15) Acrylonitrile	3.075	53	176787	366.56	ug/l	100
16) Acetone	2.392	43	154053	398.19	ug/l	96
17) Carbon Disulfide	2.508	76	159929	65.27	ug/l	100
18) Methyl Acetate	2.715	43	85986	81.38	ug/l	95
19) Methyl tert-butyl Ether	3.123	73	186885	63.57	ug/l	97
20) Methylene Chloride	2.788	84	64425	59.67	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	62353	63.42	ug/l	99
22) Diisopropyl ether	3.770	45	198033	69.91	ug/l	92
23) Vinyl Acetate	3.733	43	997537	393.40	ug/l	95
24) 1,1-Dichloroethane	3.617	63	113048	67.99	ug/l	98
25) 2-Butanone	4.568	43	275929	416.33	ug/l	93
26) 2,2-Dichloropropane	4.483	77	99959	62.85	ug/l	99
27) cis-1,2-Dichloroethene	4.495	96	72642	64.86	ug/l	100
28) Bromochloromethane	4.910	49	52826	73.69	ug/l	86
29) Tetrahydrofuran	5.019	42	164650	390.35	ug/l	91
30) Chloroform	5.105	83	115015	64.37	ug/l	99
31) Cyclohexane	5.477	56	92525	61.97	ug/l	96
32) 1,1,1-Trichloroethane	5.391	97	99946	63.39	ug/l	99
36) 1,1-Dichloropropene	5.702	75	85045	55.86	ug/l	99
37) Ethyl Acetate	4.727	43	106125	69.89	ug/l	96
38) Carbon Tetrachloride	5.690	117	88191	53.29	ug/l	98
39) Methylcyclohexane	7.385	83	97523	50.33	ug/l	96
40) Benzene	6.044	78	264961	57.80	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
 Data File : VX021868.D
 Acq On : 07 May 2021 11:37
 Operator : JC/MD
 Sample : VSTDICCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

MMDadoda
 5/10/2021 2:22:47 PM

Quant Time: May 07 12:03:01 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
 Quant Title : SW846 8260
 QLast Update : Fri May 07 12:00:15 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.934	41	56401	66.58	ug/l	97
42) 1,2-Dichloroethane	6.092	62	91313	60.84	ug/l	99
43) Isopropyl Acetate	6.349	43	178361	67.43	ug/l	94
44) Trichloroethene	7.129	130	64756	50.13	ug/l	96
45) 1,2-Dichloropropane	7.440	63	69092	57.44	ug/l	99
46) Dibromomethane	7.586	93	45718	54.93	ug/l	90
47) Bromodichloromethane	7.830	83	94627	55.48	ug/l	100
48) Methyl methacrylate	7.702	41	82940	65.31	ug/l	94
49) 1,4-Dioxane	7.665	88	34319	1188.71	ug/l	96
51) 4-Methyl-2-Pentanone	8.580	43	567026	367.22	ug/l	93
52) Toluene	8.720	92	170146	57.48	ug/l	98
53) t-1,3-Dichloropropene	8.982	75	110162	57.34	ug/l	99
54) cis-1,3-Dichloropropene	8.373	75	116704	57.54	ug/l	96
55) 1,1,2-Trichloroethane	9.159	97	67672	55.91	ug/l	98
56) Ethyl methacrylate	9.122	69	115945	61.83	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	117663	59.80	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.251	63	297852	324.45	ug/l	97
59) 2-Hexanone	9.433	43	442205	379.27	ug/l	92
60) Dibromochloromethane	9.525	129	71992	50.30	ug/l	98
61) 1,2-Dibromoethane	9.616	107	70850	54.24	ug/l	98
64) Tetrachloroethene	9.275	164	47437	40.68	ug/l #	89
65) Chlorobenzene	10.086	112	177185	54.69	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	63183	51.16	ug/l	97
67) Ethyl Benzene	10.195	91	326078	57.46	ug/l	99
68) m/p-Xylenes	10.305	106	252135	115.09	ug/l	100
69) o-Xylene	10.647	106	120808	57.18	ug/l	98
70) Styrene	10.659	104	214043	59.33	ug/l	98
71) Bromoform	10.805	173	49800	45.69	ug/l #	100
73) Isopropylbenzene	10.964	105	321122	60.44	ug/l	100
74) N-amyl acetate	10.848	43	171778	77.91	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.214	83	115310	69.14	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	103122m	66.02	ug/l	
77) Bromobenzene	11.201	156	69583	51.46	ug/l	87
78) n-propylbenzene	11.305	91	385381	64.59	ug/l	99
79) 2-Chlorotoluene	11.366	91	228560	64.99	ug/l	100
80) 1,3,5-Trimethylbenzene	11.457	105	281071	62.03	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.025	75	44316	65.18	ug/l	96
82) 4-Chlorotoluene	11.457	91	272600	66.48	ug/l	96
83) tert-Butylbenzene	11.720	119	268616	59.94	ug/l	96
84) 1,2,4-Trimethylbenzene	11.756	105	282455	61.79	ug/l	99
85) sec-Butylbenzene	11.896	105	336227	64.25	ug/l	99
86) p-Isopropyltoluene	12.012	119	288315	59.29	ug/l	98
87) 1,3-Dichlorobenzene	11.976	146	131873	55.79	ug/l	97
88) 1,4-Dichlorobenzene	12.043	146	135853	56.55	ug/l	96
89) n-Butylbenzene	12.335	91	274447	65.37	ug/l	98
90) Hexachloroethane	12.543	117	50316	57.44	ug/l	76
91) 1,2-Dichlorobenzene	12.341	146	131597	57.22	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.945	75	26158	69.61	ug/l	87
93) 1,2,4-Trichlorobenzene	13.591	180	77403	48.37	ug/l	98
94) Hexachlorobutadiene	13.731	225	30774	40.30	ug/l	99
95) Naphthalene	13.780	128	329819	64.02	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	79624	51.36	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX050721\
Data File : VX021868.D
Acq On : 07 May 2021 11:37
Operator : JC/MD
Sample : VSTDICCC050
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDICCC050

Manual Integrations
APPROVED

MMDadoda
5/10/2021 2:22:47 PM

Quant Time: May 07 12:03:01 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X050721W.M
Quant Title : SW846 8260
QLast Update : Fri May 07 12:00:15 2021
Response via : Initial Calibration

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

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

