

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002107.D
 Acq On : 29 May 2018 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:01 PM

Quant Time: May 30 08:13:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	310391	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	438049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	403631	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	264716	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	230954	41.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.26%	
35) Dibromofluoromethane	5.51	113	179564	40.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	81.98%	
50) Toluene-d8	8.72	98	650611	41.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.04%	
62) 4-Bromofluorobenzene	11.14	95	258156	41.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	164475	42.02	ug/l	97
3) Chloromethane	1.32	50	210510	44.08	ug/l	99
4) Vinyl Chloride	1.40	62	210076	45.56	ug/l	100
5) Bromomethane	1.64	94	99556	46.84	ug/l	100
6) Chloroethane	1.72	64	135889	49.99	ug/l	99
7) Trichlorofluoromethane	1.93	101	335048	48.38	ug/l	99
8) Diethyl Ether	2.19	74	128355	51.09	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.39	101	186104	48.16	ug/l	98
10) Methyl Iodide	2.51	142	226209	43.26	ug/l	99
11) Tert butyl alcohol	3.09	59	257661	236.59	ug/l	98
12) 1,1-Dichloroethene	2.37	96	177400	49.03	ug/l	99
13) Acrolein	2.30	56	101184	214.88	ug/l	99
14) Allyl chloride	2.73	41	369034	48.59	ug/l	99
15) Acrylonitrile	3.15	53	555320	247.96	ug/l	99
16) Acetone	2.45	43	505618	236.13	ug/l	100
17) Carbon Disulfide	2.57	76	477940	45.90	ug/l	100
18) Methyl Acetate	2.78	43	274786	53.35	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	683842	50.26	ug/l	100
20) Methylene Chloride	2.86	84	200971	54.35	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	187995	53.48	ug/l	97
22) Diisopropyl ether	3.88	45	743828	48.15	ug/l	99
23) Vinyl Acetate	3.83	43	3255866	254.22	ug/l	98
24) 1,1-Dichloroethane	3.70	63	365842	49.86	ug/l	99
25) 2-Butanone	4.71	43	859336	218.97	ug/l	100
26) 2,2-Dichloropropane	4.59	77	273750	36.86	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	216655	45.92	ug/l	97
28) Bromochloromethane	5.03	49	191536	62.64	ug/l	100
29) Tetrahydrofuran	5.17	42	563634	220.74	ug/l	100
30) Chloroform	5.22	83	374032	45.24	ug/l	97
31) Cyclohexane	5.58	56	340740	44.57	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	344682	44.72	ug/l	99
36) 1,1-Dichloropropene	5.81	75	275261	45.18	ug/l	99
37) Ethyl Acetate	4.87	43	348578	43.88	ug/l	99
38) Carbon Tetrachloride	5.79	117	301026	42.37	ug/l	100

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
 Data File : VX002107.D
 Acq On : 29 May 2018 21:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/30/2018 1:51:01 PM

Quant Time: May 30 08:13:02 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 24 13:09:03 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	329931	44.08	ug/l	98
40) Benzene	6.15	78	824952	46.21	ug/l	99
41) Methacrylonitrile	5.07	41	196000	46.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	323819	45.41	ug/l	99
43) Isopropyl Acetate	6.47	43	594883	44.95	ug/l	99
44) Trichloroethene	7.22	130	237946	45.74	ug/l	96
45) 1,2-Dichloropropane	7.52	63	224297	46.27	ug/l	98
46) Dibromomethane	7.67	93	146581	45.67	ug/l	100
47) Bromodichloromethane	7.90	83	289261	42.27	ug/l	99
48) Methyl methacrylate	7.78	41	301549	44.76	ug/l	99
49) 1,4-Dioxane	7.76	88	98293	828.02	ug/l	100
51) 4-Methyl-2-Pentanone	8.65	43	1811708	227.07	ug/l	99
52) Toluene	8.79	92	519763	45.75	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	342711	43.48	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	328929	42.83	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	212275	44.73	ug/l	99
56) Ethyl methacrylate	9.19	69	360836	44.20	ug/l	99
57) 1,3-Dichloropropane	9.38	76	357595	45.74	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	803385	222.05	ug/l	100
59) 2-Hexanone	9.50	43	1373501	223.26	ug/l	99
60) Dibromochloromethane	9.59	129	237308	42.22	ug/l	99
61) 1,2-Dibromoethane	9.68	107	225691	45.32	ug/l	100
64) Tetrachloroethene	9.34	164	273697	47.29	ug/l	99
65) Chlorobenzene	10.14	112	584175	45.68	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	225291	43.63	ug/l	99
67) Ethyl Benzene	10.26	91	1027951	46.27	ug/l	99
68) m/p-Xylenes	10.37	106	786808	92.64	ug/l	99
69) o-Xylene	10.70	106	388389	45.80	ug/l	100
70) Styrene	10.72	104	640730	45.56	ug/l	99
71) Bromoform	10.86	173	193707	39.56	ug/l #	100
73) Isopropylbenzene	11.02	105	1030021	45.95	ug/l	100
74) N-amyl acetate	6.47	43	594883	51.23	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	301566	49.17	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	328016m	51.59	ug/l	
77) Bromobenzene	11.26	156	275645	46.35	ug/l	98
78) n-propylbenzene	11.37	91	1175066	46.80	ug/l	100
79) 2-Chlorotoluene	11.43	91	703608	51.14	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	880352	45.95	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	99582	37.64	ug/l	95
82) 4-Chlorotoluene	11.52	91	816617	46.12	ug/l	100
83) tert-Butylbenzene	11.77	119	840317	44.70	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	907342	45.83	ug/l	100
85) sec-Butylbenzene	11.95	105	1040555	46.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	925873	45.79	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	489578	45.96	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	491805	46.19	ug/l	99
89) n-Butylbenzene	12.39	91	799078	46.64	ug/l	99
90) Hexachloroethane	12.60	117	159586	40.01	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	501007	46.17	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	81228	40.76	ug/l	99

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX052918\
Data File : VX002107.D
Acq On : 29 May 2018 21:33
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
5/30/2018 1:51:01 PM

Quant Time: May 30 08:13:02 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X052418W.M
Quant Title : SW846 8260
QLast Update : Thu May 24 13:09:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	358835	46.24	ug/l	100
94) Hexachlorobutadiene	13.79	225	188430	45.14	ug/l	99
95) Naphthalene	13.84	128	1110840	46.46	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	366289	45.62	ug/l	99

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

