

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003893.D
 Acq On : 07 Aug 2018 20:59
 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
 8/8/2018 12:02:14 PM

Quant Time: Aug 08 03:19:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	343718	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	513344	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	480546	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	273365	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	235354	51.65	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.30%	
35) Dibromofluoromethane	5.51	113	196081	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
50) Toluene-d8	8.72	98	762528	50.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.84%	
62) 4-Bromofluorobenzene	11.14	95	284550	58.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	116.30%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	171495	49.23	ug/l	99
3) Chloromethane	1.32	50	217770	45.95	ug/l	100
4) Vinyl Chloride	1.40	62	227376	48.11	ug/l	98
5) Bromomethane	1.64	94	128718	52.27	ug/l	99
6) Chloroethane	1.71	64	169994	56.22	ug/l	97
7) Trichlorofluoromethane	1.92	101	297561	47.69	ug/l	100
8) Diethyl Ether	2.19	74	136972	48.83	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	182821	46.87	ug/l	100
10) Methyl Iodide	2.51	142	229532	47.31	ug/l	99
11) Tert butyl alcohol	3.08	59	276129	252.20	ug/l	99
12) 1,1-Dichloroethene	2.37	96	176579	47.86	ug/l	99
13) Acrolein	2.29	56	120528	213.17	ug/l	100
14) Allyl chloride	2.73	41	340188	47.84	ug/l	99
15) Acrylonitrile	3.15	53	635919	243.41	ug/l	100
16) Acetone	2.45	43	646531	238.52	ug/l	100
17) Carbon Disulfide	2.56	76	482852	46.22	ug/l	100
18) Methyl Acetate	2.78	43	294139	49.84	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	647552	49.53	ug/l	100
20) Methylene Chloride	2.85	84	210574	49.27	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	195879	46.77	ug/l	99
22) Diisopropyl ether	3.87	45	634196	48.51	ug/l	99
23) Vinyl Acetate	3.82	43	2649034	243.55	ug/l	100
24) 1,1-Dichloroethane	3.70	63	378626	48.76	ug/l	99
25) 2-Butanone	4.71	43	1015477	249.17	ug/l	99
26) 2,2-Dichloropropane	4.58	77	205129	36.63	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	223084	49.09	ug/l	95
28) Bromochloromethane	5.02	49	167646	50.45	ug/l	100
29) Tetrahydrofuran	5.17	42	525570	250.90	ug/l	100
30) Chloroform	5.21	83	361121	49.40	ug/l	98
31) Cyclohexane	5.57	56	325495	49.57	ug/l	100
32) 1,1,1-Trichloroethane	5.49	97	304833	49.73	ug/l	99
36) 1,1-Dichloropropene	5.80	75	274245	47.70	ug/l	100
37) Ethyl Acetate	4.87	43	308395	48.76	ug/l	100
38) Carbon Tetrachloride	5.78	117	264883	48.40	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
 Data File : VX003893.D
 Acq On : 07 Aug 2018 20:59
 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
 8/8/2018 12:02:14 PM

Quant Time: Aug 08 03:19:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 07 07:45:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	327579	48.32	ug/l	98
40) Benzene	6.15	78	837110	48.49	ug/l	99
41) Methacrylonitrile	5.07	41	173014	49.67	ug/l	99
42) 1,2-Dichloroethane	6.20	62	285363	48.88	ug/l	100
43) Isopropyl Acetate	6.47	43	475584	49.97	ug/l	100
44) Trichloroethene	7.21	130	222404	47.10	ug/l	96
45) 1,2-Dichloropropane	7.52	63	214983	48.22	ug/l	99
46) Dibromomethane	7.66	93	138417	47.82	ug/l	100
47) Bromodichloromethane	7.90	83	265670	48.72	ug/l	99
48) Methyl methacrylate	7.78	41	247138	51.08	ug/l	99
49) 1,4-Dioxane	7.76	88	120129	1054.05	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	2011333	254.96	ug/l	100
52) Toluene	8.79	92	536005	49.14	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	296519	48.11	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	320826	48.28	ug/l	100
55) 1,1,2-Trichloroethane	9.22	97	214968	48.22	ug/l	99
56) Ethyl methacrylate	9.18	69	334349	51.70	ug/l	100
57) 1,3-Dichloropropane	9.37	76	365314	48.97	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	836594	263.05	ug/l	99
59) 2-Hexanone	9.50	43	1548082	262.52	ug/l	100
60) Dibromochloromethane	9.59	129	214328	51.57	ug/l	100
61) 1,2-Dibromoethane	9.68	107	224346	50.27	ug/l	99
64) Tetrachloroethene	9.34	164	217791	46.07	ug/l	94
65) Chlorobenzene	10.14	112	599209	47.92	ug/l	96
66) 1,1,1,2-Tetrachloroethane	10.23	131	213585	49.69	ug/l	99
67) Ethyl Benzene	10.26	91	1020135	49.84	ug/l	98
68) m/p-Xylenes	10.36	106	796638	99.61	ug/l	97
69) o-Xylene	10.70	106	388705	51.48	ug/l	97
70) Styrene	10.71	104	655964	53.07	ug/l	98
71) Bromoform	10.86	173	169068	46.60	ug/l	98
73) Isopropylbenzene	11.02	105	1038590	51.36	ug/l	97
74) N-amyl acetate	6.47	43	475584	45.22	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	341625	49.29	ug/l	98
76) 1,2,3-Trichloropropane	11.30	75	301163m	49.88	ug/l	
77) Bromobenzene	11.26	156	271835	50.39	ug/l	99
78) n-propylbenzene	11.36	91	1182712	52.08	ug/l	100
79) 2-Chlorotoluene	11.42	91	691748	49.96	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	858470	52.06	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	94210	42.78	ug/l	97
82) 4-Chlorotoluene	11.51	91	806492	49.72	ug/l	100
83) tert-Butylbenzene	11.77	119	853929	52.64	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	879283	53.03	ug/l	98
85) sec-Butylbenzene	11.95	105	986314	51.52	ug/l	98
86) p-Isopropyltoluene	12.07	119	838381	48.80	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	447713	44.89	ug/l	95
88) 1,4-Dichlorobenzene	12.10	146	454014	47.47	ug/l	98
89) n-Butylbenzene	12.39	91	699540	46.73	ug/l	99
90) Hexachloroethane	12.60	117	124394	44.60	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	453140	45.84	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	64369	45.34	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX080718\
Data File : VX003893.D
Acq On : 07 Aug 2018 20:59
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
8/8/2018 12:02:14 PM

Quant Time: Aug 08 03:19:46 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080618W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 07 07:45:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	363884	51.18	ug/l	98
94) Hexachlorobutadiene	13.79	225	160566	51.18	ug/l	99
95) Naphthalene	13.83	128	1148123	56.39	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	373749	52.68	ug/l	99

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

