

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007708.D
 Acq On : 26 Feb 2019 10:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:22 PM

Quant Time: Feb 26 14:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	335238	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	531280	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	492523	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	246155	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	195522	47.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.16%	
35) Dibromofluoromethane	5.50	113	171531	48.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.60%	
50) Toluene-d8	8.71	98	659477	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	
62) 4-Bromofluorobenzene	11.13	95	237430	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	155573	50.377	ug/l	96
3) Chloromethane	1.33	50	163956	47.910	ug/l	100
4) Vinyl Chloride	1.41	62	170306	48.507	ug/l	100
5) Bromomethane	1.64	94	111275	50.327	ug/l	98
6) Chloroethane	1.72	64	111923	49.896	ug/l	97
7) Trichlorofluoromethane	1.93	101	263973	49.044	ug/l	98
8) Diethyl Ether	2.19	74	104805	47.446	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	150745	46.338	ug/l	93
10) Methyl Iodide	2.51	142	216409	53.424	ug/l	97
11) Tert butyl alcohol	3.07	59	192528	244.362	ug/l	98
12) 1,1-Dichloroethene	2.37	96	143917	49.078	ug/l	94
13) Acrolein	2.30	56	46029	65.744	ug/l	96
14) Allyl chloride	2.73	41	246970	45.549	ug/l	97
15) Acrylonitrile	3.15	53	454089	244.908	ug/l	99
16) Acetone	2.45	43	410035	222.044	ug/l	100
17) Carbon Disulfide	2.57	76	405818	49.744	ug/l	99
18) Methyl Acetate	2.78	43	207886	51.590	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	500668	49.029	ug/l	100
20) Methylene Chloride	2.85	84	163324	47.898	ug/l	94
21) trans-1,2-Dichloroethene	3.17	96	155442	48.760	ug/l	94
22) Diisopropyl ether	3.87	45	543245	48.129	ug/l	96
23) Vinyl Acetate	3.82	43	2319034	234.178	ug/l	99
24) 1,1-Dichloroethane	3.70	63	297025	48.420	ug/l	99
25) 2-Butanone	4.70	43	668936	237.810	ug/l	100
26) 2,2-Dichloropropane	4.58	77	130703	26.692	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	194022	47.832	ug/l	96
28) Bromochloromethane	5.02	49	139608	46.749	ug/l	94
29) Tetrahydrofuran	5.15	42	443908	239.408	ug/l	99
30) Chloroform	5.21	83	315853	48.068	ug/l	98
31) Cyclohexane	5.57	56	272927	47.299	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	269090	49.517	ug/l	98
36) 1,1-Dichloropropene	5.80	75	232139	48.601	ug/l	99
37) Ethyl Acetate	4.85	43	254977	48.056	ug/l	99
38) Carbon Tetrachloride	5.78	117	239070	49.828	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007708.D
 Acq On : 26 Feb 2019 10:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:05:22 PM

Quant Time: Feb 26 14:15:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 26 01:53:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	284089	47.061	ug/l	96
40) Benzene	6.14	78	724074	49.108	ug/l	99
41) Methacrylonitrile	5.06	41	140961	49.753	ug/l	99
42) 1,2-Dichloroethane	6.20	62	239369	48.301	ug/l	99
43) Isopropyl Acetate	6.46	43	405359	49.640	ug/l	100
44) Trichloroethene	7.21	130	197878	48.786	ug/l	99
45) 1,2-Dichloropropane	7.51	63	183844	48.134	ug/l	100
46) Dibromomethane	7.66	93	126904	47.626	ug/l	93
47) Bromodichloromethane	7.90	83	232338	50.316	ug/l	99
48) Methyl methacrylate	7.77	41	208158	48.630	ug/l	99
49) 1,4-Dioxane	7.75	88	89711	970.371	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1358756	248.579	ug/l	100
52) Toluene	8.78	92	466288	50.151	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	235721	41.563	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	260126	46.421	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	190989	49.260	ug/l	99
56) Ethyl methacrylate	9.18	69	280029	50.789	ug/l	100
57) 1,3-Dichloropropane	9.37	76	305293	49.190	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	736593	242.263	ug/l	99
59) 2-Hexanone	9.49	43	1034778	241.130	ug/l	99
60) Dibromochloromethane	9.58	129	197585	52.962	ug/l	99
61) 1,2-Dibromoethane	9.67	107	204469	50.794	ug/l	99
64) Tetrachloroethene	9.34	164	203695	50.944	ug/l	96
65) Chlorobenzene	10.14	112	518694	48.693	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	187412	50.437	ug/l	98
67) Ethyl Benzene	10.25	91	887947	50.320	ug/l	100
68) m/p-Xylenes	10.36	106	688347	100.271	ug/l	99
69) o-Xylene	10.69	106	332578	50.366	ug/l	97
70) Styrene	10.71	104	547656	50.458	ug/l	99
71) Bromoform	10.86	173	138668	49.767	ug/l	99
73) Isopropylbenzene	11.02	105	895675	50.911	ug/l	99
74) N-amyl acetate	10.90	43	377456	49.406	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	282741	46.466	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	233738m	44.548	ug/l	
77) Bromobenzene	11.26	156	225557	51.115	ug/l	93
78) n-propylbenzene	11.36	91	1034417	52.032	ug/l	98
79) 2-Chlorotoluene	11.42	91	599481	50.080	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	737021	50.930	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	71385	37.273	ug/l	94
82) 4-Chlorotoluene	11.51	91	703431	50.233	ug/l	97
83) tert-Butylbenzene	11.77	119	707608	50.927	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	762804	51.532	ug/l	98
85) sec-Butylbenzene	11.94	105	903437	51.888	ug/l	98
86) p-Isopropyltoluene	12.06	119	789182	51.756	ug/l	98
87) 1,3-Dichlorobenzene	12.02	146	406151	49.621	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	412541	49.213	ug/l	98
89) n-Butylbenzene	12.38	91	688355	50.620	ug/l	99
90) Hexachloroethane	12.60	117	131929	51.350	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	401138	48.981	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	61276	46.218	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007708.D
Acq On : 26 Feb 2019 10:56
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 50 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:05:22 PM

Quant Time: Feb 26 14:15:57 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X022519W.M
Quant Title : SW846 8260
QLast Update : Tue Feb 26 01:53:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	254009	50.811	ug/l	98
94) Hexachlorobutadiene	13.78	225	110388	48.269	ug/l	100
95) Naphthalene	13.83	128	861781	53.208	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	259899	51.777	ug/l	98

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

