

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007497.D
 Acq On : 12 Feb 2019 19:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:14:39 PM

Quant Time: Feb 13 01:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	471311	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	717046	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	646127	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	321316	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	248550	49.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.36%	
35) Dibromofluoromethane	5.51	113	229614	49.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.42%	
50) Toluene-d8	8.71	98	837376	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
62) 4-Bromofluorobenzene	11.13	95	294318	46.57	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.14%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	254432	43.952	ug/l	100
3) Chloromethane	1.33	50	230113	43.347	ug/l	99
4) Vinyl Chloride	1.41	62	254063	48.784	ug/l	100
5) Bromomethane	1.64	94	211321	40.948	ug/l	98
6) Chloroethane	1.72	64	159957	47.479	ug/l	98
7) Trichlorofluoromethane	1.93	101	390121	47.885	ug/l	99
8) Diethyl Ether	2.19	74	145615	47.487	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	215784	44.527	ug/l	99
10) Methyl Iodide	2.51	142	305147	42.804	ug/l	99
11) Tert butyl alcohol	3.07	59	261745	252.823	ug/l	99
12) 1,1-Dichloroethene	2.37	96	207297	46.065	ug/l	100
13) Acrolein	2.30	56	111016	228.675	ug/l	99
14) Allyl chloride	2.73	41	367830	50.166	ug/l	98
15) Acrylonitrile	3.15	53	668104	260.867	ug/l	100
16) Acetone	2.45	43	573490	250.263	ug/l	100
17) Carbon Disulfide	2.57	76	520773	44.499	ug/l	100
18) Methyl Acetate	2.78	43	362748	60.627	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	730195	50.086	ug/l	96
20) Methylene Chloride	2.85	84	233833	49.957	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	218121	45.501	ug/l	97
22) Diisopropyl ether	3.87	45	680926	50.487	ug/l	98
23) Vinyl Acetate	3.82	43	2873062	256.705	ug/l	99
24) 1,1-Dichloroethane	3.70	63	381805	49.294	ug/l	99
25) 2-Butanone	4.70	43	862405	264.448	ug/l	98
26) 2,2-Dichloropropane	4.58	77	270793	45.908	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	252346	48.195	ug/l	98
28) Bromochloromethane	5.02	49	176911	49.668	ug/l	98
29) Tetrahydrofuran	5.15	42	559833	272.950	ug/l	99
30) Chloroform	5.21	83	402684	49.823	ug/l	98
31) Cyclohexane	5.57	56	317348	45.619	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	348044	51.016	ug/l	99
36) 1,1-Dichloropropene	5.80	75	282346	43.886	ug/l	100
37) Ethyl Acetate	4.85	43	322099	49.526	ug/l	99
38) Carbon Tetrachloride	5.79	117	303972	48.701	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021219\
 Data File : VX007497.D
 Acq On : 12 Feb 2019 19:03
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/13/2019 12:14:39 PM

Quant Time: Feb 13 01:24:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	338193	43.447	ug/l	99
40) Benzene	6.14	78	888182	46.866	ug/l	99
41) Methacrylonitrile	5.06	41	180035	51.651	ug/l	99
42) 1,2-Dichloroethane	6.20	62	303827	46.335	ug/l	98
43) Isopropyl Acetate	6.46	43	517097	51.512	ug/l	99
44) Trichloroethene	7.21	130	260147	45.578	ug/l	99
45) 1,2-Dichloropropane	7.52	63	225774	47.548	ug/l	94
46) Dibromomethane	7.66	93	159724	46.282	ug/l	100
47) Bromodichloromethane	7.90	83	292872	50.073	ug/l	99
48) Methyl methacrylate	7.77	41	261415	52.063	ug/l	99
49) 1,4-Dioxane	7.75	88	104804	918.365	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1696033	256.651	ug/l	100
52) Toluene	8.79	92	565463	46.246	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	321092	51.108	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	351864	50.929	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	245145	48.097	ug/l	98
56) Ethyl methacrylate	9.18	69	357156	50.594	ug/l	99
57) 1,3-Dichloropropane	9.37	76	383860	47.358	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	900583	242.041	ug/l	99
59) 2-Hexanone	9.49	43	1280926	249.092	ug/l	99
60) Dibromochloromethane	9.58	129	257771	53.475	ug/l	99
61) 1,2-Dibromoethane	9.67	107	262169	48.571	ug/l	99
64) Tetrachloroethene	9.34	164	256127	42.058	ug/l	97
65) Chlorobenzene	10.14	112	657498	46.632	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	244381	51.697	ug/l	99
67) Ethyl Benzene	10.25	91	1084020	47.742	ug/l	98
68) m/p-Xylenes	10.36	106	843514	93.455	ug/l	99
69) o-Xylene	10.69	106	416478	47.953	ug/l	100
70) Styrene	10.71	104	681297	48.369	ug/l	99
71) Bromoform	10.86	173	197813	47.895	ug/l	100
73) Isopropylbenzene	11.02	105	1104056	50.563	ug/l	99
74) N-amyl acetate	10.90	43	450793	53.376	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	359209	53.980	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	338717m	54.195	ug/l	
77) Bromobenzene	11.26	156	302010	49.090	ug/l	99
78) n-propylbenzene	11.36	91	1233465	51.515	ug/l	100
79) 2-Chlorotoluene	11.42	91	720028	49.560	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	888462	49.735	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	103822	51.231	ug/l	93
82) 4-Chlorotoluene	11.51	91	818531	48.690	ug/l	99
83) tert-Butylbenzene	11.77	119	892203	50.446	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	918786	50.661	ug/l	100
85) sec-Butylbenzene	11.94	105	1084809	50.678	ug/l	100
86) p-Isopropyltoluene	12.06	119	963503	49.863	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	524111	47.469	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	515745	46.042	ug/l	99
89) n-Butylbenzene	12.38	91	816566	49.124	ug/l	100
90) Hexachloroethane	12.60	117	164087	56.739	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	521896	47.497	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	76474	55.269	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021219\
Data File : VX007497.D
Acq On : 12 Feb 2019 19:03
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/13/2019 12:14:39 PM

Quant Time: Feb 13 01:24:33 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
Quant Title : SW846 8260
QLast Update : Sat Feb 02 01:32:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	357863	48.293	ug/l	100
94) Hexachlorobutadiene	13.78	225	169340	47.063	ug/l	100
95) Naphthalene	13.83	128	1143648	52.776	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	358327	48.039	ug/l	98

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

