

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007619.D
 Acq On : 19 Feb 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:35:14 AM

Quant Time: Feb 20 04:55:16 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	483251	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	701482	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	642833	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	355745	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	250338	48.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.62%	
35) Dibromofluoromethane	5.50	113	236173	51.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.48%	
50) Toluene-d8	8.71	98	843799	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
62) 4-Bromofluorobenzene	11.13	95	303654	49.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	239366	40.343	ug/l	96
3) Chloromethane	1.33	50	238887	43.888	ug/l	100
4) Vinyl Chloride	1.41	62	245888	46.047	ug/l	99
5) Bromomethane	1.64	94	213504	40.342	ug/l	97
6) Chloroethane	1.71	64	169569	49.089	ug/l	99
7) Trichlorofluoromethane	1.93	101	417602	49.992	ug/l	99
8) Diethyl Ether	2.19	74	156218	49.686	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.39	101	212130	42.692	ug/l	100
10) Methyl Iodide	2.51	142	277768	38.001	ug/l	100
11) Tert butyl alcohol	3.08	59	262808	247.578	ug/l	98
12) 1,1-Dichloroethene	2.37	96	195323	42.332	ug/l	97
13) Acrolein	2.29	56	127970	257.085	ug/l	88
14) Allyl chloride	2.73	41	362726	48.247	ug/l	99
15) Acrylonitrile	3.15	53	625655	238.257	ug/l	99
16) Acetone	2.45	43	537277	228.667	ug/l	99
17) Carbon Disulfide	2.57	76	460050	38.633	ug/l	99
18) Methyl Acetate	2.78	43	352152	57.434	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	695825	46.549	ug/l	98
20) Methylene Chloride	2.85	84	222732	46.381	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	203071	41.315	ug/l	96
22) Diisopropyl ether	3.87	45	653445	47.252	ug/l	96
23) Vinyl Acetate	3.82	43	2716866	236.752	ug/l	99
24) 1,1-Dichloroethane	3.70	63	365962	46.081	ug/l	99
25) 2-Butanone	4.70	43	827478	247.468	ug/l	98
26) 2,2-Dichloropropane	4.59	77	283060	46.802	ug/l	98
27) cis-1,2-Dichloroethene	4.60	96	243364	45.331	ug/l	98
28) Bromochloromethane	5.02	49	162281	44.435	ug/l	97
29) Tetrahydrofuran	5.15	42	532398	253.161	ug/l	99
30) Chloroform	5.21	83	387819	46.798	ug/l	97
31) Cyclohexane	5.57	56	297173	41.664	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	334430	47.809	ug/l	99
36) 1,1-Dichloropropene	5.80	75	272028	43.220	ug/l	99
37) Ethyl Acetate	4.85	43	303973	47.776	ug/l	98
38) Carbon Tetrachloride	5.78	117	291248	47.698	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021919\
 Data File : VX007619.D
 Acq On : 19 Feb 2019 17:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/20/2019 10:35:14 AM

Quant Time: Feb 20 04:55:16 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	327734	43.038	ug/l	99
40) Benzene	6.14	78	839700	45.291	ug/l	98
41) Methacrylonitrile	5.06	41	170597	50.029	ug/l	99
42) 1,2-Dichloroethane	6.20	62	288517	44.977	ug/l	99
43) Isopropyl Acetate	6.46	43	500423	50.957	ug/l	99
44) Trichloroethene	7.21	130	248685	44.536	ug/l	97
45) 1,2-Dichloropropane	7.51	63	222587	47.917	ug/l	97
46) Dibromomethane	7.66	93	154558	45.778	ug/l	98
47) Bromodichloromethane	7.90	83	282508	49.373	ug/l	99
48) Methyl methacrylate	7.77	41	252074	51.316	ug/l	98
49) 1,4-Dioxane	7.75	88	113125	1012.563	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1644137	254.318	ug/l	99
52) Toluene	8.79	92	556073	46.487	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	313887	51.070	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	336328	49.760	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	237590	47.649	ug/l	96
56) Ethyl methacrylate	9.18	69	347477	50.315	ug/l	97
57) 1,3-Dichloropropane	9.37	76	373817	47.142	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	941148	258.555	ug/l	98
59) 2-Hexanone	9.49	43	1223332	243.171	ug/l	99
60) Dibromochloromethane	9.58	129	258860	54.892	ug/l	99
61) 1,2-Dibromoethane	9.67	107	250611	47.460	ug/l	99
64) Tetrachloroethene	9.34	164	252846	41.732	ug/l	99
65) Chlorobenzene	10.14	112	630636	44.956	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	242334	51.526	ug/l	99
67) Ethyl Benzene	10.25	91	1071880	47.449	ug/l	98
68) m/p-Xylenes	10.36	106	841143	93.670	ug/l	100
69) o-Xylene	10.69	106	410702	47.530	ug/l	100
70) Styrene	10.71	104	650809	46.441	ug/l	100
71) Bromoform	10.86	173	198419	48.255	ug/l #	99
73) Isopropylbenzene	11.02	105	1076225	44.519	ug/l	99
74) N-amyl acetate	10.90	43	440451	47.104	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	342975	46.552	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	288053m	41.628	ug/l	
77) Bromobenzene	11.26	156	294082	43.175	ug/l	99
78) n-propylbenzene	11.36	91	1304833	49.222	ug/l	99
79) 2-Chlorotoluene	11.42	91	773651	48.097	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	974106	49.252	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	102810	46.268	ug/l	93
82) 4-Chlorotoluene	11.51	91	900135	48.362	ug/l	99
83) tert-Butylbenzene	11.77	119	951915	48.614	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	994949	49.551	ug/l	99
85) sec-Butylbenzene	11.94	105	1169981	49.367	ug/l	99
86) p-Isopropyltoluene	12.06	119	1058493	49.477	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	548614	44.880	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	560365	45.184	ug/l	99
89) n-Butylbenzene	12.39	91	907930	49.334	ug/l	99
90) Hexachloroethane	12.60	117	173586	54.215	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	553916	45.532	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	83036	54.204	ug/l	97

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX021919\
Data File : VX007619.D
Acq On : 19 Feb 2019 17:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/20/2019 10:35:14 AM

Quant Time: Feb 20 04:55:16 2019
Quant Method : Z:\V0ASRV\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	386750	47.141	ug/l	98
94) Hexachlorobutadiene	13.78	225	189213	47.496	ug/l	99
95) Naphthalene	13.83	128	1196874	49.887	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	385957	46.736	ug/l	99

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

