

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007412.D
 Acq On : 06 Feb 2019 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:53:22 AM

Quant Time: Feb 07 02:45:31 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	505949	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	756723	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	680488	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	353599	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	260081	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.50	113	235058	47.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.48%	
50) Toluene-d8	8.71	98	874340	47.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.72%	
62) 4-Bromofluorobenzene	11.13	95	313596	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	291304	46.865	ug/l	98
3) Chloromethane	1.33	50	262583	46.077	ug/l	97
4) Vinyl Chloride	1.41	62	282073	50.454	ug/l	99
5) Bromomethane	1.64	94	226150	40.820	ug/l	97
6) Chloroethane	1.72	64	179222	49.556	ug/l	98
7) Trichlorofluoromethane	1.93	101	428440	48.988	ug/l	99
8) Diethyl Ether	2.19	74	160648	48.803	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	234120	45.004	ug/l	98
10) Methyl Iodide	2.51	142	309622	40.459	ug/l	99
11) Tert butyl alcohol	3.07	59	303654	273.224	ug/l	99
12) 1,1-Dichloroethene	2.37	96	231167	47.853	ug/l	99
13) Acrolein	2.30	56	144879	277.997	ug/l	99
14) Allyl chloride	2.73	41	399495	50.754	ug/l	98
15) Acrylonitrile	3.15	53	704079	256.093	ug/l	99
16) Acetone	2.45	43	621877	252.799	ug/l	100
17) Carbon Disulfide	2.57	76	572039	45.484	ug/l	99
18) Methyl Acetate	2.78	43	368554	57.412	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	796991	50.925	ug/l	98
20) Methylene Chloride	2.85	84	256080	50.972	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	241210	46.873	ug/l	100
22) Diisopropyl ether	3.87	45	726581	50.184	ug/l	97
23) Vinyl Acetate	3.82	43	3065967	255.187	ug/l	99
24) 1,1-Dichloroethane	3.70	63	403769	48.561	ug/l	99
25) 2-Butanone	4.70	43	901297	257.453	ug/l	100
26) 2,2-Dichloropropane	4.59	77	278702	44.014	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	263697	46.915	ug/l	99
28) Bromochloromethane	5.02	49	188784	49.373	ug/l	100
29) Tetrahydrofuran	5.15	42	591028	268.432	ug/l	99
30) Chloroform	5.21	83	425661	49.061	ug/l	97
31) Cyclohexane	5.57	56	346762	46.435	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	366912	50.100	ug/l	99
36) 1,1-Dichloropropene	5.80	75	302664	44.577	ug/l	100
37) Ethyl Acetate	4.85	43	340331	49.586	ug/l	99
38) Carbon Tetrachloride	5.78	117	322569	48.971	ug/l	96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020619\
 Data File : VX007412.D
 Acq On : 06 Feb 2019 20:50
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 2/7/2019 9:53:22 AM

Quant Time: Feb 07 02:45:31 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	362048	44.073	ug/l	97
40) Benzene	6.15	78	948743	47.437	ug/l	100
41) Methacrylonitrile	5.06	41	185348	50.387	ug/l	98
42) 1,2-Dichloroethane	6.20	62	317702	45.911	ug/l	99
43) Isopropyl Acetate	6.46	43	544439	51.392	ug/l	99
44) Trichloroethene	7.21	130	274674	45.600	ug/l	100
45) 1,2-Dichloropropane	7.52	63	238673	47.629	ug/l	96
46) Dibromomethane	7.66	93	167155	45.895	ug/l	98
47) Bromodichloromethane	7.90	83	299035	48.446	ug/l	98
48) Methyl methacrylate	7.77	41	279901	52.822	ug/l	100
49) 1,4-Dioxane	7.75	88	122758	1018.534	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1775680	254.615	ug/l	99
52) Toluene	8.79	92	606518	47.003	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	329491	49.695	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	364937	50.051	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255621	47.523	ug/l	98
56) Ethyl methacrylate	9.18	69	380002	51.008	ug/l	98
57) 1,3-Dichloropropane	9.37	76	410382	47.975	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1000504	254.797	ug/l	99
59) 2-Hexanone	9.49	43	1352998	249.312	ug/l	100
60) Dibromochloromethane	9.59	129	262320	51.565	ug/l	99
61) 1,2-Dibromoethane	9.67	107	279372	49.044	ug/l	99
64) Tetrachloroethene	9.34	164	282393	44.029	ug/l	99
65) Chlorobenzene	10.14	112	699503	47.106	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	253249	50.867	ug/l	99
67) Ethyl Benzene	10.25	91	1161902	48.588	ug/l	99
68) m/p-Xylenes	10.36	106	912552	95.999	ug/l	100
69) o-Xylene	10.70	106	446882	48.855	ug/l	99
70) Styrene	10.71	104	719724	48.517	ug/l	100
71) Bromoform	10.86	173	197521	45.618	ug/l #	99
73) Isopropylbenzene	11.02	105	1177940	49.022	ug/l	99
74) N-amyl acetate	10.90	43	479805	51.625	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	369344	50.436	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	350394m	50.945	ug/l	
77) Bromobenzene	11.26	156	317973	46.966	ug/l	97
78) n-propylbenzene	11.36	91	1311376	49.769	ug/l	100
79) 2-Chlorotoluene	11.42	91	765052	47.851	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	971619	49.425	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	103493	46.804	ug/l	97
82) 4-Chlorotoluene	11.51	91	892257	48.230	ug/l	100
83) tert-Butylbenzene	11.77	119	953498	48.990	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	989720	49.590	ug/l	100
85) sec-Butylbenzene	11.94	105	1165236	49.465	ug/l	100
86) p-Isopropyltoluene	12.06	119	1043612	49.078	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	562578	46.301	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	554981	45.021	ug/l	99
89) n-Butylbenzene	12.39	91	883326	48.289	ug/l	100
90) Hexachloroethane	12.60	117	164874	51.806	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	552429	45.686	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78748	51.716	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX020619\
Data File : VX007412.D
Acq On : 06 Feb 2019 20:50
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
2/7/2019 9:53:22 AM

Quant Time: Feb 07 02:45:31 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	385126	47.228	ug/l	99
94) Hexachlorobutadiene	13.78	225	185352	46.810	ug/l	99
95) Naphthalene	13.83	128	1199983	50.320	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	388908	47.379	ug/l	99

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

