

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007687.D
 Acq On : 26 Feb 2019 00:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:04:59 PM

Quant Time: Feb 26 04:48:34 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	286815	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	467710	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	453605	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	189912	53.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.92%	
35) Dibromofluoromethane	5.50	113	165959	53.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.16%	
50) Toluene-d8	8.71	98	596092	49.80	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.60%	
62) 4-Bromofluorobenzene	11.13	95	228176	51.94	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	110919	41.981	ug/l	96
3) Chloromethane	1.33	50	142309	48.605	ug/l	98
4) Vinyl Chloride	1.41	62	128883	42.906	ug/l	99
5) Bromomethane	1.64	94	102880	54.515	ug/l	99
6) Chloroethane	1.72	64	88765	46.253	ug/l	99
7) Trichlorofluoromethane	1.93	101	189956	41.251	ug/l	97
8) Diethyl Ether	2.19	74	100713	53.291	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	113258	40.693	ug/l	93
10) Methyl Iodide	2.51	142	182307	52.604	ug/l	98
11) Tert butyl alcohol	3.07	59	182232	270.343	ug/l	99
12) 1,1-Dichloroethene	2.37	96	112744	44.939	ug/l	99
13) Acrolein	2.29	56	139818	233.422	ug/l	100
14) Allyl chloride	2.73	41	220618	47.558	ug/l	98
15) Acrylonitrile	3.15	53	440102	277.438	ug/l	99
16) Acetone	2.45	43	383595	242.797	ug/l	97
17) Carbon Disulfide	2.57	76	311773	44.668	ug/l	99
18) Methyl Acetate	2.78	43	192862	55.942	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	479209	54.851	ug/l	99
20) Methylene Chloride	2.86	84	153957	52.773	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	130726	47.930	ug/l	96
22) Diisopropyl ether	3.87	45	499512	51.726	ug/l	96
23) Vinyl Acetate	3.82	43	2224946	262.609	ug/l	98
24) 1,1-Dichloroethane	3.70	63	254281	48.450	ug/l	97
25) 2-Butanone	4.70	43	648089	269.297	ug/l	100
26) 2,2-Dichloropropane	4.59	77	144171	34.414	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	179329	51.673	ug/l	96
28) Bromochloromethane	5.01	49	133570	52.278	ug/l	96
29) Tetrahydrofuran	5.15	42	429120	270.505	ug/l	99
30) Chloroform	5.21	83	292026	51.945	ug/l	99
31) Cyclohexane	5.57	56	200560	40.626	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	215835	46.423	ug/l	98
36) 1,1-Dichloropropene	5.80	75	181939	43.269	ug/l	98
37) Ethyl Acetate	4.85	43	249077	53.325	ug/l	99
38) Carbon Tetrachloride	5.78	117	180191	42.660	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022519\
 Data File : VX007687.D
 Acq On : 26 Feb 2019 00:49
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/26/2019 3:04:59 PM

Quant Time: Feb 26 04:48:34 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	211889	39.871	ug/l	97
40) Benzene	6.14	78	642483	49.497	ug/l	98
41) Methacrylonitrile	5.06	41	135884	54.480	ug/l	97
42) 1,2-Dichloroethane	6.20	62	231067	52.963	ug/l	99
43) Isopropyl Acetate	6.46	43	392282	54.568	ug/l	99
44) Trichloroethene	7.21	130	166833	46.723	ug/l	95
45) 1,2-Dichloropropane	7.51	63	170175	50.611	ug/l	100
46) Dibromomethane	7.66	93	121504	51.798	ug/l	94
47) Bromodichloromethane	7.90	83	216267	53.201	ug/l	99
48) Methyl methacrylate	7.77	41	200150	53.115	ug/l	99
49) 1,4-Dioxane	7.75	88	86131	1058.275	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1320914	274.502	ug/l	100
52) Toluene	8.78	92	404351	49.401	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	236584	46.992	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	256899	52.077	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	186681	54.693	ug/l	97
56) Ethyl methacrylate	9.18	69	270698	55.769	ug/l	99
57) 1,3-Dichloropropane	9.37	76	292976	53.621	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	698639	261.011	ug/l	99
59) 2-Hexanone	9.49	43	993787	263.053	ug/l	99
60) Dibromochloromethane	9.58	129	185443	56.463	ug/l	97
61) 1,2-Dibromoethane	9.67	107	197417	55.708	ug/l	100
64) Tetrachloroethene	9.33	164	169139	45.931	ug/l	97
65) Chlorobenzene	10.13	112	473776	48.292	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	172333	50.358	ug/l	98
67) Ethyl Benzene	10.25	91	763090	46.954	ug/l	100
68) m/p-Xylenes	10.36	106	596563	94.357	ug/l	99
69) o-Xylene	10.69	106	298227	49.039	ug/l	99
70) Styrene	10.71	104	504199	50.440	ug/l	99
71) Bromoform	10.85	173	134777	52.520	ug/l	99
73) Isopropylbenzene	11.02	105	738128	44.653	ug/l	100
74) N-amyl acetate	10.90	43	365745	50.950	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	269641	47.162	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	262782m	53.303	ug/l	
77) Bromobenzene	11.26	156	207823	50.124	ug/l	92
78) n-propylbenzene	11.36	91	854288	45.734	ug/l	98
79) 2-Chlorotoluene	11.42	91	527350	46.886	ug/l	96
80) 1,3,5-Trimethylbenzene	11.51	105	632837	46.542	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	77100	42.395	ug/l	95
82) 4-Chlorotoluene	11.51	91	613191	46.604	ug/l	98
83) tert-Butylbenzene	11.77	119	595131	45.586	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	656010	47.166	ug/l	99
85) sec-Butylbenzene	11.94	105	726020	44.379	ug/l	99
86) p-Isopropyltoluene	12.06	119	651314	45.460	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	367834	47.828	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	373005	47.357	ug/l	98
89) n-Butylbenzene	12.39	91	563745	44.121	ug/l	99
90) Hexachloroethane	12.60	117	110224	45.660	ug/l	85
91) 1,2-Dichlorobenzene	12.39	146	370927	48.203	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	58472	46.938	ug/l	89

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX022519\
Data File : VX007687.D
Acq On : 26 Feb 2019 00:49
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
2/26/2019 3:04:59 PM

Quant Time: Feb 26 04:48:34 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	242021	51.525	ug/l	98
94) Hexachlorobutadiene	13.78	225	92781	43.178	ug/l	98
95) Naphthalene	13.83	128	831608	54.646	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	242532	51.423	ug/l	99

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

