

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002482.D
 Acq On : 12 Jun 2018 22:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:38 PM

Quant Time: Jun 13 03:33:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	204446	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	298126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	296884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	194168	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	143162	48.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.78%	
35) Dibromofluoromethane	5.51	113	112814	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.72	98	430707	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
62) 4-Bromofluorobenzene	11.14	95	164886	47.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.16%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	98087	46.152	ug/l	99
3) Chloromethane	1.32	50	113514	46.408	ug/l	100
4) Vinyl Chloride	1.41	62	131992	49.278	ug/l	100
5) Bromomethane	1.64	94	75976	50.131	ug/l	98
6) Chloroethane	1.72	64	90651	52.319	ug/l	97
7) Trichlorofluoromethane	1.93	101	230501	56.480	ug/l	98
8) Diethyl Ether	2.19	74	83624	58.046	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	128197	58.210	ug/l	100
10) Methyl Iodide	2.51	142	135857	43.858	ug/l	98
11) Tert butyl alcohol	3.08	59	172492	291.137	ug/l	98
12) 1,1-Dichloroethene	2.37	96	113822	52.297	ug/l	100
13) Acrolein	2.30	56	62418	213.601	ug/l	98
14) Allyl chloride	2.73	41	229481	48.585	ug/l	99
15) Acrylonitrile	3.15	53	364250	294.463	ug/l	99
16) Acetone	2.45	43	345733	277.039	ug/l	99
17) Carbon Disulfide	2.57	76	246534	42.977	ug/l	99
18) Methyl Acetate	2.78	43	180011	62.114	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	439236	58.353	ug/l	100
20) Methylene Chloride	2.86	84	133258	58.093	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	122948	51.226	ug/l	96
22) Diisopropyl ether	3.88	45	406938	51.619	ug/l	98
23) Vinyl Acetate	3.83	43	1734754	226.560	ug/l	100
24) 1,1-Dichloroethane	3.70	63	240309	51.477	ug/l	100
25) 2-Butanone	4.71	43	463478	231.209	ug/l	100
26) 2,2-Dichloropropane	4.59	77	137768	37.754	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	121812	46.668	ug/l	94
28) Bromochloromethane	5.03	49	110388	56.028	ug/l	99
29) Tetrahydrofuran	5.17	42	303443	234.784	ug/l	99
30) Chloroform	5.22	83	221621	49.198	ug/l	97
31) Cyclohexane	5.58	56	179330	48.580	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	191096	50.021	ug/l	99
36) 1,1-Dichloropropene	5.80	75	155617	49.652	ug/l	99
37) Ethyl Acetate	4.87	43	181743	48.219	ug/l	99
38) Carbon Tetrachloride	5.79	117	167594	51.114	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
 Data File : VX002482.D
 Acq On : 12 Jun 2018 22:38
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 6/13/2018 1:59:38 PM

Quant Time: Jun 13 03:33:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	181508	46.892	ug/l	97
40) Benzene	6.15	78	473879	49.312	ug/l	99
41) Methacrylonitrile	5.07	41	104521	48.442	ug/l	99
42) 1,2-Dichloroethane	6.20	62	188244	49.304	ug/l	100
43) Isopropyl Acetate	6.47	43	303293	47.375	ug/l	99
44) Trichloroethene	7.22	130	131337	49.243	ug/l	96
45) 1,2-Dichloropropane	7.52	63	127907	49.303	ug/l	97
46) Dibromomethane	7.67	93	86831	49.372	ug/l	97
47) Bromodichloromethane	7.90	83	160254	50.382	ug/l	98
48) Methyl methacrylate	7.78	41	156815	48.764	ug/l	98
49) 1,4-Dioxane	7.76	88	61617	1024.775	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1022479	256.466	ug/l	100
52) Toluene	8.79	92	309866	50.698	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	184774	48.441	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	171954	47.782	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	129490	51.511	ug/l	100
56) Ethyl methacrylate	9.18	69	196011	48.839	ug/l	98
57) 1,3-Dichloropropane	9.38	76	211600	50.175	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	470851	253.480	ug/l	100
59) 2-Hexanone	9.50	43	780499	253.456	ug/l	100
60) Dibromochloromethane	9.59	129	132788	52.516	ug/l	100
61) 1,2-Dibromoethane	9.68	107	136017	51.893	ug/l	100
64) Tetrachloroethene	9.34	164	148064	48.358	ug/l	99
65) Chlorobenzene	10.14	112	360640	48.819	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	133080	49.752	ug/l	100
67) Ethyl Benzene	10.26	91	626436	50.671	ug/l	100
68) m/p-Xylenes	10.37	106	484299	100.775	ug/l	100
69) o-Xylene	10.70	106	236742	49.502	ug/l	100
70) Styrene	10.71	104	400232	51.192	ug/l	99
71) Bromoform	10.86	173	101476	42.888	ug/l #	99
73) Isopropylbenzene	11.02	105	653798	48.404	ug/l	100
74) N-amyl acetate	6.47	43	303293	41.672	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	198421	46.707	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	171064m	40.151	ug/l	
77) Bromobenzene	11.26	156	177589	46.832	ug/l	98
78) n-propylbenzene	11.37	91	751657	50.067	ug/l	100
79) 2-Chlorotoluene	11.43	91	441338	46.556	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	557060	48.083	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	48528	39.926	ug/l	94
82) 4-Chlorotoluene	11.51	91	524594	47.944	ug/l	99
83) tert-Butylbenzene	11.77	119	551434	48.878	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	574102	48.139	ug/l	98
85) sec-Butylbenzene	11.95	105	680652	51.463	ug/l	100
86) p-Isopropyltoluene	12.07	119	614754	51.029	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	326220	48.114	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	333294	47.690	ug/l	99
89) n-Butylbenzene	12.39	91	537754	53.223	ug/l	99
90) Hexachloroethane	12.60	117	90693	47.160	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	337756	48.147	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	43592	46.923	ug/l	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061218\
Data File : VX002482.D
Acq On : 12 Jun 2018 22:38
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Manual Integrations
APPROVED

MMDadoda
6/13/2018 1:59:38 PM

Quant Time: Jun 13 03:33:34 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 05 03:22:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	243117	49.425	ug/l	100
94) Hexachlorobutadiene	13.79	225	131084	53.928	ug/l	100
95) Naphthalene	13.84	128	696382	49.273	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	246947	49.226	ug/l	100

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

