

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002319.D
 Acq On : 05 Jun 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:43 PM

Quant Time: Jun 06 06:11:20 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	243293	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353853	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	346741	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	225322	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	170788	49.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.04%	
35) Dibromofluoromethane	5.51	113	130841	47.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.04%	
50) Toluene-d8	8.72	98	516632	48.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.88%	
62) 4-Bromofluorobenzene	11.14	95	196795	47.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	127682	50.485	ug/l	99
3) Chloromethane	1.32	50	148666	51.381	ug/l	99
4) Vinyl Chloride	1.41	62	162054	50.841	ug/l	99
5) Bromomethane	1.64	94	94127	52.338	ug/l	98
6) Chloroethane	1.72	64	103711	50.300	ug/l	98
7) Trichlorofluoromethane	1.93	101	266732	54.922	ug/l	97
8) Diethyl Ether	2.19	74	94343	54.900	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	146861	56.037	ug/l	100
10) Methyl Iodide	2.51	142	185893	50.428	ug/l	99
11) Tert butyl alcohol	3.08	59	198834	281.339	ug/l	100
12) 1,1-Dichloroethene	2.37	96	133678	51.613	ug/l	99
13) Acrolein	2.30	56	90321	261.928	ug/l	99
14) Allyl chloride	2.73	41	263037	46.797	ug/l	99
15) Acrylonitrile	3.15	53	413200	280.228	ug/l	99
16) Acetone	2.45	43	393694	264.204	ug/l	100
17) Carbon Disulfide	2.57	76	305344	44.730	ug/l	99
18) Methyl Acetate	2.78	43	197880	57.160	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	492899	54.883	ug/l	99
20) Methylene Chloride	2.86	84	151308	55.296	ug/l	100
21) trans-1,2-Dichloroethene	3.17	96	142695	49.960	ug/l	97
22) Diisopropyl ether	3.88	45	465283	49.536	ug/l	98
23) Vinyl Acetate	3.83	43	1999528	219.443	ug/l	100
24) 1,1-Dichloroethane	3.70	63	270957	48.774	ug/l	99
25) 2-Butanone	4.71	43	538524	225.751	ug/l	99
26) 2,2-Dichloropropane	4.59	77	165605	38.136	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	141981	45.709	ug/l	94
28) Bromochloromethane	5.03	49	126074	53.618	ug/l	99
29) Tetrahydrofuran	5.17	42	353092	229.577	ug/l	100
30) Chloroform	5.22	83	253744	47.335	ug/l	99
31) Cyclohexane	5.57	56	221029	50.315	ug/l	97
32) 1,1,1-Trichloroethane	5.50	97	220620	48.528	ug/l	99
36) 1,1-Dichloropropene	5.81	75	184105	49.490	ug/l	99
37) Ethyl Acetate	4.87	43	215266	48.118	ug/l	99
38) Carbon Tetrachloride	5.79	117	191955	49.324	ug/l	97

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002319.D
 Acq On : 05 Jun 2018 21:18
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 6/6/2018 4:10:43 PM

Quant Time: Jun 06 06:11:20 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	224896	48.940	ug/l	99
40) Benzene	6.15	78	556692	48.806	ug/l	99
41) Methacrylonitrile	5.07	41	119680	46.732	ug/l	99
42) 1,2-Dichloroethane	6.20	62	218521	48.220	ug/l	99
43) Isopropyl Acetate	6.47	43	352799	46.429	ug/l	100
44) Trichloroethene	7.21	130	159108	50.261	ug/l	98
45) 1,2-Dichloropropane	7.52	63	147430	47.878	ug/l	99
46) Dibromomethane	7.67	93	97358	46.640	ug/l	99
47) Bromodichloromethane	7.90	83	179056	47.428	ug/l	98
48) Methyl methacrylate	7.78	41	181840	47.641	ug/l	99
49) 1,4-Dioxane	7.76	88	70481	987.591	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1161584	245.473	ug/l	100
52) Toluene	8.79	92	366227	50.483	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	213794	47.222	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	197177	46.162	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	146483	49.094	ug/l	99
56) Ethyl methacrylate	9.18	69	224478	47.124	ug/l	99
57) 1,3-Dichloropropane	9.38	76	244074	48.760	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.32	63	542780	246.185	ug/l	99
59) 2-Hexanone	9.50	43	894269	244.667	ug/l	99
60) Dibromochloromethane	9.59	129	148218	49.387	ug/l	100
61) 1,2-Dibromoethane	9.68	107	154304	49.599	ug/l	100
64) Tetrachloroethene	9.34	164	186453	52.140	ug/l	98
65) Chlorobenzene	10.14	112	419511	48.623	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150683	48.233	ug/l	100
67) Ethyl Benzene	10.26	91	727455	50.382	ug/l	99
68) m/p-Xylenes	10.37	106	571129	101.755	ug/l	99
69) o-Xylene	10.70	106	277095	49.609	ug/l	100
70) Styrene	10.71	104	467488	51.197	ug/l	99
71) Bromoform	10.86	173	113170	41.109	ug/l	98
73) Isopropylbenzene	11.02	105	756132	48.240	ug/l	100
74) N-amyl acetate	6.47	43	352799	41.772	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	215571	43.728	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	218188m	44.130	ug/l	
77) Bromobenzene	11.26	156	202777	46.081	ug/l	99
78) n-propylbenzene	11.37	91	864423	49.617	ug/l	100
79) 2-Chlorotoluene	11.43	91	508939	46.264	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	653443	48.604	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	54973	38.975	ug/l	93
82) 4-Chlorotoluene	11.52	91	605962	47.723	ug/l	100
83) tert-Butylbenzene	11.77	119	626307	47.839	ug/l	100
84) 1,2,4-Trimethylbenzene	11.81	105	670697	48.463	ug/l	99
85) sec-Butylbenzene	11.95	105	782257	50.968	ug/l	99
86) p-Isopropyltoluene	12.07	119	702209	50.230	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	374252	47.566	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	379289	46.768	ug/l	99
89) n-Butylbenzene	12.39	91	605453	51.638	ug/l	99
90) Hexachloroethane	12.60	117	99866	44.750	ug/l	100
91) 1,2-Dichlorobenzene	12.40	146	385314	47.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49000	45.452	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
Data File : VX002319.D
Acq On : 05 Jun 2018 21:18
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
6/6/2018 4:10:43 PM

Quant Time: Jun 06 06:11:20 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	276123	48.373	ug/l	100
94) Hexachlorobutadiene	13.79	225	145718	51.660	ug/l	99
95) Naphthalene	13.84	128	795060	48.477	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	281754	48.399	ug/l	100

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

