

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070918\
 Data File : VX003277.D
 Acq On : 10 Jul 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	242453	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	314148	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	291969	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	208604	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	192854	50.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.08%	
35) Dibromofluoromethane	5.51	113	163637	48.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.98%	
50) Toluene-d8	8.72	98	599348	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	
62) 4-Bromofluorobenzene	11.14	95	223795	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	191983	52.08	ug/l	98
3) Chloromethane	1.32	50	168890	50.40	ug/l	99
4) Vinyl Chloride	1.40	62	168264	48.92	ug/l	100
5) Bromomethane	1.64	94	55566	54.76	ug/l	98
6) Chloroethane	1.71	64	93686	49.16	ug/l	99
7) Trichlorofluoromethane	1.92	101	252085	49.30	ug/l	99
8) Diethyl Ether	2.19	74	89624	48.49	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144551	48.28	ug/l	96
10) Methyl Iodide	2.51	142	151486	46.30	ug/l	97
11) Tert butyl alcohol	3.09	59	193507	279.73	ug/l	98
12) 1,1-Dichloroethene	2.37	96	132587	48.66	ug/l	91
13) Acrolein	2.29	56	115078	206.44	ug/l	99
14) Allyl chloride	2.73	41	239107	47.38	ug/l	94
15) Acrylonitrile	3.15	53	405769	262.69	ug/l	99
16) Acetone	2.45	43	380615	280.97	ug/l	96
17) Carbon Disulfide	2.57	76	364628	48.16	ug/l	99
18) Methyl Acetate	2.78	43	219989	57.57	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	453925	49.88	ug/l	99
20) Methylene Chloride	2.85	84	146571	52.84	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	141894	48.86	ug/l	96
22) Diisopropyl ether	3.88	45	472814	46.05	ug/l	98
23) Vinyl Acetate	3.83	43	2042546	234.32	ug/l	98
24) 1,1-Dichloroethane	3.70	63	266583	49.89	ug/l	99
25) 2-Butanone	4.72	43	640599	267.25	ug/l	95
26) 2,2-Dichloropropane	4.59	77	107681	23.04	ug/l	92
27) cis-1,2-Dichloroethene	4.60	96	172187	48.24	ug/l	93
28) Bromochloromethane	5.03	49	134620	50.00	ug/l	89
29) Tetrahydrofuran	5.17	42	407692	262.05	ug/l	96
30) Chloroform	5.22	83	292931	49.83	ug/l	100
31) Cyclohexane	5.57	56	248546	49.67	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	261564	50.44	ug/l	98
36) 1,1-Dichloropropene	5.80	75	214523	48.24	ug/l	99
37) Ethyl Acetate	4.87	43	238061	48.83	ug/l	98
38) Carbon Tetrachloride	5.79	117	236730	48.66	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
 Data File : VX003277.D
 Acq On : 10 Jul 2018 06:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 09 15:24:16 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	246634	47.08	ug/l	96
40) Benzene	6.15	78	643730	48.85	ug/l	99
41) Methacrylonitrile	5.07	41	135406	50.73	ug/l	96
42) 1,2-Dichloroethane	6.20	62	236597	48.05	ug/l	97
43) Isopropyl Acetate	6.48	43	383305	50.07	ug/l	97
44) Trichloroethene	7.22	130	189574	48.64	ug/l	99
45) 1,2-Dichloropropane	7.52	63	162460	47.41	ug/l	99
46) Dibromomethane	7.67	93	113804	48.73	ug/l	94
47) Bromodichloromethane	7.90	83	216127	50.16	ug/l	96
48) Methyl methacrylate	7.79	41	203807	51.91	ug/l	93
49) 1,4-Dioxane	7.76	88	87220	1062.39	ug/l	95
51) 4-Methyl-2-Pentanone	8.66	43	1268632	266.17	ug/l	97
52) Toluene	8.79	92	413085	49.58	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	230744	45.51	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	212376	46.02	ug/l	93
55) 1,1,2-Trichloroethane	9.22	97	168435	48.74	ug/l	98
56) Ethyl methacrylate	9.19	69	247195	52.22	ug/l	91
57) 1,3-Dichloropropane	9.38	76	271330	48.74	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	617487	270.42	ug/l	96
59) 2-Hexanone	9.50	43	981507	271.13	ug/l	95
60) Dibromochloromethane	9.59	129	180855	50.12	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179661	49.60	ug/l	99
64) Tetrachloroethene	9.34	164	226337	51.28	ug/l	98
65) Chlorobenzene	10.14	112	473250	47.70	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	177456	49.58	ug/l	100
67) Ethyl Benzene	10.26	91	796420	49.64	ug/l	100
68) m/p-Xylenes	10.37	106	626128	100.32	ug/l	97
69) o-Xylene	10.70	106	303467	50.19	ug/l	96
70) Styrene	10.71	104	498087	50.80	ug/l	98
71) Bromoform	10.86	173	148349	50.37	ug/l	99
73) Isopropylbenzene	11.02	105	820251	49.80	ug/l	99
74) N-amyl acetate	6.48	43	383305	48.79	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	250456	49.03	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	241455m	53.56	ug/l	
77) Bromobenzene	11.26	156	229849	48.34	ug/l	95
78) n-propylbenzene	11.37	91	917685	50.11	ug/l	98
79) 2-Chlorotoluene	11.43	91	545080	48.86	ug/l	97
80) 1,3,5-Trimethylbenzene	11.51	105	686476	50.06	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	56388	40.88	ug/l	95
82) 4-Chlorotoluene	11.51	91	639826	49.12	ug/l	98
83) tert-Butylbenzene	11.77	119	665928	48.61	ug/l	97
84) 1,2,4-Trimethylbenzene	11.81	105	709176	50.50	ug/l	98
85) sec-Butylbenzene	11.95	105	808991	49.96	ug/l	99
86) p-Isopropyltoluene	12.07	119	734274	49.77	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	417843	47.90	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	420162	47.58	ug/l	99
89) n-Butylbenzene	12.39	91	597226	48.46	ug/l	98
90) Hexachloroethane	12.60	117	112211	49.82	ug/l	95
91) 1,2-Dichlorobenzene	12.40	146	420600	48.02	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	57711	52.65	ug/l	92

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070918\
Data File : VX003277.D
Acq On : 10 Jul 2018 06:17
Operator : JC/MD
Sample : VSTDCCC050
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 42 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Manual Integrations
APPROVED

MMDadoda
7/10/2018 3:11:57 PM

Quant Time: Jul 10 06:44:05 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X070918W.M
Quant Title : SW846 8260
QLast Update : Mon Jul 09 15:24:16 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	305785	47.97	ug/l	98
94) Hexachlorobutadiene	13.79	225	148243	46.71	ug/l	99
95) Naphthalene	13.84	128	882433	52.91	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	323956	50.95	ug/l	100

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

