

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
 Data File : VX003137.D
 Acq On : 02 Jul 2018 19:44
 Operator : JC/MD
 Sample : J3772-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Manual Integrations
 APPROVED

sam
 7/3/2018 3:54:00 PM

Quant Time: Jul 03 07:54:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	274840	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	380628	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	361962	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	233722	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	178068	46.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.74%	
35) Dibromofluoromethane	5.51	113	149610	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	
50) Toluene-d8	8.72	98	533088	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
62) 4-Bromofluorobenzene	11.14	95	205904	48.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.00%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	135518	55.26	ug/l	98
3) Chloromethane	1.32	50	148416	58.45	ug/l	100
4) Vinyl Chloride	1.40	62	167953	54.04	ug/l	99
5) Bromomethane	1.64	94	47214	31.54	ug/l	97
6) Chloroethane	1.72	64	104144	57.43	ug/l	99
7) Trichlorofluoromethane	1.93	101	250832	47.84	ug/l	99
8) Diethyl Ether	2.19	74	95984	50.36	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	139853	46.04	ug/l	96
10) Methyl Iodide	2.51	142	125525	41.90	ug/l	98
11) Tert butyl alcohol	3.09	59	199993	264.27	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133976	49.43	ug/l	94
13) Acrolein	2.29	56	67848	163.21	ug/l	99
14) Allyl chloride	2.73	41	263207	49.26	ug/l	94
15) Acrylonitrile	3.15	53	429047	265.43	ug/l	99
16) Acetone	2.45	43	400663	254.68	ug/l	97
17) Carbon Disulfide	2.57	76	374617	51.87	ug/l	98
18) Methyl Acetate	2.78	43	217427	49.43	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	479259	49.18	ug/l	100
20) Methylene Chloride	2.86	84	151811	49.59	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145393	49.25	ug/l	94
22) Diisopropyl ether	3.88	45	495314	48.50	ug/l	99
23) Vinyl Acetate	3.83	43	2201843	254.60	ug/l	98
24) 1,1-Dichloroethane	3.70	63	274370	49.43	ug/l	100
25) 2-Butanone	4.72	43	645619	276.52	ug/l	96
26) 2,2-Dichloropropane	4.59	77	175235	38.82	ug/l	96
27) cis-1,2-Dichloroethene	4.60	96	183496	55.44	ug/l	94
28) Bromochloromethane	5.03	49	128536	48.37	ug/l	91
29) Tetrahydrofuran	5.17	42	416379	278.10	ug/l	97
30) Chloroform	5.22	83	289207	50.77	ug/l	98
31) Cyclohexane	5.57	56	243284	51.07	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	256555	51.18	ug/l	98
36) 1,1-Dichloropropene	5.80	75	207281	49.66	ug/l	98
37) Ethyl Acetate	4.87	43	240834	53.59	ug/l	99
38) Carbon Tetrachloride	5.79	117	231892	50.63	ug/l	100

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070218\
 Data File : VX003137.D
 Acq On : 02 Jul 2018 19:44
 Operator : JC/MD
 Sample : J3772-04MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MS

Manual Integrations
 APPROVED

sam
 7/3/2018 3:54:00 PM

Quant Time: Jul 03 07:54:11 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 25 14:38:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	234211	48.17	ug/l	98
40) Benzene	6.15	78	632093	52.12	ug/l	99
41) Methacrylonitrile	5.07	41	137939	53.30	ug/l	98
42) 1,2-Dichloroethane	6.20	62	236884	48.35	ug/l	99
43) Isopropyl Acetate	6.48	43	383065	50.82	ug/l	98
44) Trichloroethene	7.21	130	186027	51.45	ug/l	100
45) 1,2-Dichloropropane	7.52	63	162840	50.62	ug/l	98
46) Dibromomethane	7.67	93	112663	50.46	ug/l	95
47) Bromodichloromethane	7.90	83	216642	52.49	ug/l	99
48) Methyl methacrylate	7.79	41	205239	52.85	ug/l	95
49) 1,4-Dioxane	7.76	88	86895	1150.01	ug/l #	91
51) 4-Methyl-2-Pentanone	8.66	43	1300461	275.76	ug/l	98
52) Toluene	8.79	92	400915	51.60	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	242380	51.85	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	229440	51.01	ug/l	95
55) 1,1,2-Trichloroethane	9.22	97	165682	51.90	ug/l	98
56) Ethyl methacrylate	9.19	69	254801	54.61	ug/l	94
57) 1,3-Dichloropropane	9.38	76	268874	51.28	ug/l	100
59) 2-Hexanone	9.50	43	1013197	282.69	ug/l	96
60) Dibromochloromethane	9.59	129	181596	54.03	ug/l	100
61) 1,2-Dibromoethane	9.68	107	179462	53.59	ug/l	100
64) Tetrachloroethene	9.34	164	176442	43.84	ug/l	99
65) Chlorobenzene	10.14	112	461493	50.20	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	174457	52.24	ug/l	100
67) Ethyl Benzene	10.26	91	783430	51.58	ug/l	99
68) m/p-Xylenes	10.36	106	616088	105.26	ug/l	98
69) o-Xylene	10.70	106	296649	52.05	ug/l	98
70) Stvrene	10.71	104	501462	54.15	ug/l	98
71) Bromoform	10.86	173	147971	49.11	ug/l	100
73) Isopropylbenzene	11.02	105	800875	50.94	ug/l	99
74) N-amyl acetate	6.48	43	383065	49.79	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	256213	52.90	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	249898m	59.03	ug/l	
77) Bromobenzene	11.26	156	228518	51.04	ug/l	95
78) n-propylbenzene	11.37	91	904073	50.51	ug/l	98
79) 2-Chlorotoluene	11.43	91	540032	49.84	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	676040	51.05	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	66353	45.78	ug/l	98
82) 4-Chlorotoluene	11.51	91	628496	49.00	ug/l	98
83) tert-Butylbenzene	11.77	119	682639	52.30	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	693036	50.51	ug/l	98
85) sec-Butylbenzene	11.95	105	793359	50.11	ug/l	99
86) p-Isopropyltoluene	12.07	119	725841	50.99	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	411269	50.29	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	418714	49.75	ug/l	99
89) n-Butylbenzene	12.39	91	592514	47.82	ug/l	99
90) Hexachloroethane	12.60	117	116453	55.00	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	410694	49.76	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61246	56.25	ug/l	94
93) 1,2,4-Trichlorobenzene	13.65	180	302900	50.42	ug/l	99

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070218\
Data File : VX003137.D
Acq On : 02 Jul 2018 19:44
Operator : JC/MD
Sample : J3772-04MS
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
SP18-MMW-3414MS

Manual Integrations
APPROVED

sam
7/3/2018 3:54:00 PM

Quant Time: Jul 03 07:54:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062518W.M
Quant Title : SW846 8260
QLast Update : Mon Jun 25 14:38:05 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	144055	48.08	ug/l	99
95) Naphthalene	13.84	128	893207	55.83	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	312238	52.04	ug/l	99

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

