

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070218\
 Data File : VX003138.D
 Acq On : 02 Jul 2018 20:11
 Operator : JC/MD
 Sample : J3772-05MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SP18-MMW-3414MSD

Manual Integrations
 APPROVED

sam
 7/3/2018 3:54:04 PM

Quant Time: Jul 03 07:55:42 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	289111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	388892	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	375593	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	240947	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	180708	45.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.44%	
35) Dibromofluoromethane	5.51	113	155573	50.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.04%	
50) Toluene-d8	8.72	98	538336	47.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.74%	
62) 4-Bromofluorobenzene	11.14	95	209103	48.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	135263	52.42	ug/l	100
3) Chloromethane	1.32	50	145540	54.41	ug/l	98
4) Vinyl Chloride	1.40	62	167187	51.13	ug/l	99
5) Bromomethane	1.64	94	48597	30.80	ug/l	100
6) Chloroethane	1.72	64	102145	53.39	ug/l	100
7) Trichlorofluoromethane	1.93	101	248145	44.99	ug/l	97
8) Diethyl Ether	2.19	74	94837	47.30	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	140165	43.86	ug/l	97
10) Methyl Iodide	2.51	142	145166	45.44	ug/l	97
11) Tert butyl alcohol	3.09	59	200865	252.32	ug/l	99
12) 1,1-Dichloroethene	2.37	96	134038	47.01	ug/l	90
13) Acrolein	2.30	56	67199	153.92	ug/l	96
14) Allyl chloride	2.73	41	258088	45.92	ug/l	94
15) Acrylonitrile	3.15	53	424970	249.93	ug/l	99
16) Acetone	2.45	43	396128	239.37	ug/l	95
17) Carbon Disulfide	2.57	76	376667	49.58	ug/l	99
18) Methyl Acetate	2.78	43	217912	47.10	ug/l	98
19) Methyl tert-butyl Ether	3.21	73	473873	46.23	ug/l	99
20) Methylene Chloride	2.86	84	150720	46.80	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	145563	46.87	ug/l	91
22) Diisopropyl ether	3.88	45	487888	45.41	ug/l	98
23) Vinyl Acetate	3.83	43	2118504	232.87	ug/l	98
24) 1,1-Dichloroethane	3.70	63	270204	46.27	ug/l	99
25) 2-Butanone	4.72	43	661840	269.48	ug/l	97
26) 2,2-Dichloropropane	4.59	77	174606	36.77	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	193541	55.58	ug/l	90
28) Bromochloromethane	5.03	49	133063	47.61	ug/l	89
29) Tetrahydrofuran	5.17	42	424475	269.51	ug/l	96
30) Chloroform	5.22	83	293011	48.89	ug/l	99
31) Cyclohexane	5.57	56	246977	49.28	ug/l	98
32) 1,1,1-Trichloroethane	5.50	97	261286	49.56	ug/l	98
36) 1,1-Dichloropropene	5.80	75	208827	48.97	ug/l	98
37) Ethyl Acetate	4.87	43	239681	52.20	ug/l	97
38) Carbon Tetrachloride	5.79	117	233150	49.82	ug/l	100

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 Quant Title : SW846 8260
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	232659	46.84	ug/l	96
40) Benzene	6.15	78	629777	50.82	ug/l	100
41) Methacrylonitrile	5.07	41	139472	52.75	ug/l	96
42) 1,2-Dichloroethane	6.20	62	234667	46.88	ug/l	98
43) Isopropyl Acetate	6.48	43	377928	49.07	ug/l	98
44) Trichloroethene	7.22	130	185070	50.09	ug/l	99
45) 1,2-Dichloropropane	7.52	63	159136	48.41	ug/l	100
46) Dibromomethane	7.67	93	111757	48.99	ug/l	94
47) Bromodichloromethane	7.90	83	211961	50.26	ug/l	100
48) Methyl methacrylate	7.79	41	200735	50.59	ug/l	95
49) 1,4-Dioxane	7.76	88	84696	1097.09	ug/l	96
51) 4-Methyl-2-Pentanone	8.66	43	1283919	266.47	ug/l	97
52) Toluene	8.79	92	399334	50.31	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	239683	50.19	ug/l	99
54) cis-1,3-Dichloropropene	9.05	75	228342	49.69	ug/l	96
55) 1,1,2-Trichloroethane	9.22	97	163062	49.99	ug/l	98
56) Ethyl methacrylate	9.19	69	255173	53.53	ug/l	93
57) 1,3-Dichloropropane	9.38	76	268250	50.07	ug/l	100
59) 2-Hexanone	9.50	43	1001421	273.47	ug/l	96
60) Dibromochloromethane	9.59	129	180143	52.46	ug/l	100
61) 1,2-Dibromoethane	9.68	107	176130	51.48	ug/l	99
64) Tetrachloroethene	9.34	164	178836	42.82	ug/l	99
65) Chlorobenzene	10.14	112	468272	49.08	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.23	131	173818	50.16	ug/l	99
67) Ethyl Benzene	10.26	91	792335	50.28	ug/l	99
68) m/p-Xylenes	10.36	106	611873	100.74	ug/l	97
69) o-Xylene	10.70	106	295228	49.92	ug/l	97
70) Stvrene	10.71	104	496976	51.72	ug/l	99
71) Bromoform	10.86	173	146606	47.07	ug/l	100
73) Isopropylbenzene	11.02	105	796324	49.13	ug/l	100
74) N-amyl acetate	6.48	43	377928	47.65	ug/l #	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	253999	50.87	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	248805m	57.01	ug/l	
77) Bromobenzene	11.26	156	225257	48.80	ug/l	97
78) n-propylbenzene	11.37	91	899736	48.76	ug/l	98
79) 2-Chlorotoluene	11.43	91	532553	47.68	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	671275	49.17	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	65293	43.85	ug/l	98
82) 4-Chlorotoluene	11.51	91	632656	47.84	ug/l	98
83) tert-Butylbenzene	11.77	119	676550	50.28	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	691865	48.91	ug/l	98
85) sec-Butylbenzene	11.95	105	792091	48.53	ug/l	99
86) p-Isopropyltoluene	12.07	119	726272	49.49	ug/l	99
87) 1,3-Dichlorobenzene	12.03	146	410045	48.64	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	421603	48.59	ug/l	98
89) n-Butylbenzene	12.39	91	599553	46.94	ug/l	99
90) Hexachloroethane	12.60	117	115283	52.82	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	413326	48.57	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	61217	54.54	ug/l	96
93) 1,2,4-Trichlorobenzene	13.65	180	300707	48.56	ug/l	100

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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	143605	46.49	ug/l	99
95) Naphthalene	13.83	128	886124	53.72	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	308485	49.87	ug/l	100

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

