

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072018\
 Data File : VX003514.D
 Acq On : 20 Jul 2018 17:25
 Operator : JC/SP
 Sample : J3965-11MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-0034MSD

Manual Integrations
 APPROVED

MMDadoda
 7/31/2018 2:45:23 PM

Quant Time: Jul 31 09:09:02 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071918W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 19 17:09:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	286068	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	405299	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	383206	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	231977	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	183143	54.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.16%	
35) Dibromofluoromethane	5.51	113	162742	52.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.44%	
50) Toluene-d8	8.72	98	614137	52.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.86%	
62) 4-Bromofluorobenzene	11.14	95	225244	53.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	111637	49.143	ug/l	97
3) Chloromethane	1.32	50	154466	54.989	ug/l	98
4) Vinyl Chloride	1.40	62	176554	48.583	ug/l	100
5) Bromomethane	1.64	94	77914	54.098	ug/l	98
6) Chloroethane	1.72	64	112554	52.340	ug/l	99
7) Trichlorofluoromethane	1.92	101	241297	49.769	ug/l	99
8) Diethyl Ether	2.19	74	106534	51.162	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	144780	45.625	ug/l	98
10) Methyl Iodide	2.51	142	207977	54.558	ug/l	93
11) Tert butyl alcohol	3.08	59	206818	308.650	ug/l	100
12) 1,1-Dichloroethene	2.37	96	145438	49.777	ug/l	89
13) Acrolein	2.29	56	78780	260.209	ug/l	99
14) Allyl chloride	2.73	41	270777	52.352	ug/l	86
15) Acrylonitrile	3.15	53	461845	270.723	ug/l	98
16) Acetone	2.45	43	366951	286.886	ug/l #	87
17) Carbon Disulfide	2.57	76	400006	50.622	ug/l	98
18) Methyl Acetate	2.78	43	220171	54.601	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	506009	53.036	ug/l	99
20) Methylene Chloride	2.86	84	167097	53.488	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	158235	48.674	ug/l	95
22) Diisopropyl ether	3.87	45	505686	51.958	ug/l	98
23) Vinyl Acetate	3.83	43	2069071	258.088	ug/l	95
24) 1,1-Dichloroethane	3.70	63	296120	51.857	ug/l	99
25) 2-Butanone	4.71	43	603689	281.300	ug/l	92
26) 2,2-Dichloropropane	4.59	77	189703	43.740	ug/l	94
27) cis-1,2-Dichloroethene	4.60	96	182788	50.498	ug/l	99
28) Bromochloromethane	5.03	49	130159	52.148	ug/l	88
29) Tetrahydrofuran	5.17	42	395182	278.755	ug/l	92
30) Chloroform	5.22	83	291636	52.301	ug/l	97
31) Cyclohexane	5.57	56	250986	49.193	ug/l	95
32) 1,1,1-Trichloroethane	5.50	97	250443	52.449	ug/l	97
36) 1,1-Dichloropropene	5.80	75	215671	49.286	ug/l	98
37) Ethyl Acetate	4.87	43	221706	53.542	ug/l	95
38) Carbon Tetrachloride	5.79	117	220920	51.470	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	243587	46.999	ug/l	97
40) Benzene	6.15	78	680071	51.474	ug/l	99
41) Methacrylonitrile	5.07	41	130209	53.504	ug/l	92
42) 1,2-Dichloroethane	6.20	62	223689	53.736	ug/l	95
43) Isopropyl Acetate	6.47	43	358288	54.394	ug/l	94
44) Trichloroethene	7.21	130	191057	48.490	ug/l	98
45) 1,2-Dichloropropane	7.52	63	174561	52.034	ug/l	100
46) Dibromomethane	7.67	93	113794	52.688	ug/l	97
47) Bromodichloromethane	7.90	83	215162	54.418	ug/l	99
48) Methyl methacrylate	7.78	41	189002	56.899	ug/l	86
49) 1,4-Dioxane	7.76	88	87410	1161.383	ug/l	94
51) 4-Methyl-2-Pentanone	8.65	43	1221004	293.419	ug/l	93
52) Toluene	8.79	92	424599	51.056	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	253101	52.008	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	235630	53.840	ug/l	90
55) 1,1,2-Trichloroethane	9.22	97	174271	52.662	ug/l	98
56) Ethyl methacrylate	9.18	69	260115	55.806	ug/l #	85
57) 1,3-Dichloropropane	9.37	76	285313	53.337	ug/l	100
59) 2-Hexanone	9.50	43	928496	301.149	ug/l	90
60) Dibromochloromethane	9.59	129	177517	54.195	ug/l	100
61) 1,2-Dibromoethane	9.68	107	180311	52.561	ug/l	99
64) Tetrachloroethene	9.34	164	220624	47.254	ug/l	97
65) Chlorobenzene	10.14	112	483305	48.950	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	173202	50.986	ug/l	99
67) Ethyl Benzene	10.26	91	815997	51.402	ug/l	99
68) m/p-Xylenes	10.36	106	637854	102.489	ug/l	96
69) o-Xylene	10.70	106	310357	51.569	ug/l	97
70) Styrene	10.71	104	525987	53.134	ug/l	97
71) Bromoform	10.86	173	139066	52.688	ug/l	100
73) Isopropylbenzene	11.02	105	825871	51.477	ug/l	100
74) N-amyl acetate	6.47	43	358288	52.594	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	11.27	83	249587	53.088	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	225589m	54.132	ug/l	
77) Bromobenzene	11.26	156	225139	48.791	ug/l	99
78) n-propylbenzene	11.37	91	925906	51.919	ug/l	99
79) 2-Chlorotoluene	11.43	91	554779	51.244	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	687380	52.133	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	70462	48.114	ug/l	91
82) 4-Chlorotoluene	11.51	91	649355	51.188	ug/l	98
83) tert-Butylbenzene	11.77	119	661196	51.206	ug/l	96
84) 1,2,4-Trimethylbenzene	11.81	105	708591	52.816	ug/l	98
85) sec-Butylbenzene	11.95	105	804535	51.298	ug/l	100
86) p-Isopropyltoluene	12.07	119	723209	51.382	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	410173	48.358	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	412157	47.171	ug/l	99
89) n-Butylbenzene	12.39	91	616402	51.574	ug/l	99
90) Hexachloroethane	12.60	117	103603	51.779	ug/l	99
91) 1,2-Dichlorobenzene	12.40	146	421250	50.390	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	51852	56.673	ug/l	90
93) 1,2,4-Trichlorobenzene	13.65	180	294067	47.996	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	135002	45.817	ug/l	99
95) Naphthalene	13.83	128	862984	53.603	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	296724	48.923	ug/l	99

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

