

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071818\
 Data File : VX003444.D
 Acq On : 18 Jul 2018 13:48
 Operator : JC/MD
 Sample : J3965-10MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-0034MS

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 1:04:14 PM

Quant Time: Jul 19 01:56:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071618W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 16 13:15:28 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	611401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	932689	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	846228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	512770	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	376368	47.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.02%	
35) Dibromofluoromethane	5.51	113	348753	46.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.42%	
50) Toluene-d8	8.72	98	1326444	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	
62) 4-Bromofluorobenzene	11.14	95	487339	49.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	163994	23.76	ug/l	98
3) Chloromethane	1.32	50	174169	23.32	ug/l	98
4) Vinyl Chloride	1.40	62	193570	23.78	ug/l	100
5) Bromomethane	1.64	94	76025	24.62	ug/l	98
6) Chloroethane	1.72	64	116007	24.57	ug/l	99
7) Trichlorofluoromethane	1.92	101	274792	25.45	ug/l	96
8) Diethyl Ether	2.19	74	112001	24.25	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.38	101	155098	22.74	ug/l	98
10) Methyl Iodide	2.51	142	174853	23.97	ug/l	93
11) Tert butyl alcohol	3.08	59	215137	119.48	ug/l	100
12) 1,1-Dichloroethene	2.37	96	156856	24.34	ug/l	91
13) Acrolein	2.29	56	73790	85.43	ug/l	99
14) Allyl chloride	2.73	41	263174	22.51	ug/l	87
15) Acrylonitrile	3.15	53	493555	119.64	ug/l	97
16) Acetone	2.45	43	415388	124.73	ug/l	90
17) Carbon Disulfide	2.57	76	398547	22.54	ug/l	99
18) Methyl Acetate	2.78	43	220742	20.35	ug/l	96
19) Methyl tert-butyl Ether	3.21	73	531785	24.85	ug/l	98
20) Methylene Chloride	2.86	84	179026	29.92	ug/l	92
21) trans-1,2-Dichloroethene	3.16	96	163606	23.50	ug/l	94
22) Diisopropyl ether	3.88	45	530842	23.41	ug/l	93
23) Vinyl Acetate	3.83	43	1454489	77.77	ug/l	100
24) 1,1-Dichloroethane	3.70	63	315013	24.49	ug/l	99
25) 2-Butanone	4.71	43	636807	122.18	ug/l	92
26) 2,2-Dichloropropane	4.59	77	90355	10.01	ug/l	86
27) cis-1,2-Dichloroethene	4.60	96	186045	24.84	ug/l	94
28) Bromochloromethane	5.02	49	141716	25.37	ug/l	86
29) Tetrahydrofuran	5.17	42	409220	123.80	ug/l	91
30) Chloroform	5.22	83	302070	25.48	ug/l	98
31) Cyclohexane	5.57	56	251058	25.27	ug/l	96
32) 1,1,1-Trichloroethane	5.49	97	257453	25.54	ug/l	97
36) 1,1-Dichloropropene	5.80	75	218639	23.15	ug/l	97
37) Ethyl Acetate	4.87	43	168005	15.79	ug/l	95
38) Carbon Tetrachloride	5.78	117	228958	23.82	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	233399	21.59	ug/l	94
40) Benzene	6.15	78	695777	24.21	ug/l	100
41) Methacrylonitrile	5.07	41	137375	23.47	ug/l	92
42) 1,2-Dichloroethane	6.20	62	227364	23.07	ug/l	94
43) Isopropyl Acetate	6.47	43	315721	19.65	ug/l #	91
44) Trichloroethene	7.21	130	198530	23.85	ug/l	99
45) 1,2-Dichloropropane	7.52	63	179511	24.01	ug/l	98
46) Dibromomethane	7.67	93	116409	23.39	ug/l	94
47) Bromodichloromethane	7.90	83	220372	24.18	ug/l	98
48) Methyl methacrylate	7.78	41	196946	24.03	ug/l	85
49) 1,4-Dioxane	7.76	88	91040	485.20	ug/l #	93
51) 4-Methyl-2-Pentanone	8.65	43	1245939	117.83	ug/l	91
52) Toluene	8.79	92	436205	24.24	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	236260	21.95	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	215109	21.90	ug/l #	89
55) 1,1,2-Trichloroethane	9.22	97	183272	24.38	ug/l	97
56) Ethyl methacrylate	9.18	69	265868	24.98	ug/l #	82
57) 1,3-Dichloropropane	9.37	76	294482	24.38	ug/l	100
59) 2-Hexanone	9.50	43	957628	117.87	ug/l	88
60) Dibromochloromethane	9.59	129	187011	25.04	ug/l	100
61) 1,2-Dibromoethane	9.68	107	189367	24.44	ug/l	100
64) Tetrachloroethene	9.34	164	216689	24.48	ug/l	97
65) Chlorobenzene	10.14	112	501886	25.11	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	182544	25.69	ug/l	99
67) Ethyl Benzene	10.26	91	830239	25.41	ug/l	99
68) m/p-Xylenes	10.36	106	648611	51.32	ug/l	96
69) o-Xylene	10.70	106	318760	26.26	ug/l	96
70) Styrene	10.71	104	523531	26.21	ug/l	97
71) Bromoform	10.86	173	150514	26.33	ug/l	99
73) Isopropylbenzene	11.02	105	838473	25.54	ug/l	99
74) N-amyl acetate	6.47	43	315721	20.00	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	11.27	83	263177	24.28	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	229543m	24.73	ug/l	
77) Bromobenzene	11.26	156	236987	25.41	ug/l	97
78) n-propylbenzene	11.37	91	931705	25.40	ug/l	99
79) 2-Chlorotoluene	11.42	91	560977	24.95	ug/l	98
80) 1,3,5-Trimethylbenzene	11.51	105	692315	25.81	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	57894	20.26	ug/l	87
82) 4-Chlorotoluene	11.51	91	655439	24.98	ug/l	98
83) tert-Butylbenzene	11.77	119	680774	25.97	ug/l	94
84) 1,2,4-Trimethylbenzene	11.81	105	715181	25.96	ug/l	97
85) sec-Butylbenzene	11.95	105	796687	25.05	ug/l	99
86) p-Isopropyltoluene	12.07	119	718708	25.39	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	419346	24.57	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	421695	24.33	ug/l	99
89) n-Butylbenzene	12.39	91	576698	23.92	ug/l	99
90) Hexachloroethane	12.60	117	107824	25.14	ug/l	97
91) 1,2-Dichlorobenzene	12.40	146	430119	25.09	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56010	24.84	ug/l	87
93) 1,2,4-Trichlorobenzene	13.65	180	297399	25.35	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	126818	22.46	ug/l	99
95) Naphthalene	13.83	128	913369	27.17	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	306612	25.41	ug/l	100

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

