

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071818\
 Data File : VX003445.D
 Acq On : 18 Jul 2018 14:15
 Operator : JC/MD
 Sample : J3965-11MSD
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF1-0034MSD

Manual Integrations
 APPROVED

MMDadoda
 7/19/2018 1:04:15 PM

Quant Time: Jul 19 01:58:04 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	588850	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	937523	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	838513	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	497009	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	375388	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.51	113	340215	44.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.70%	
50) Toluene-d8	8.72	98	1307369	46.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.40%	
62) 4-Bromofluorobenzene	11.14	95	462911	46.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	168163	25.30	ug/l	96
3) Chloromethane	1.32	50	174046	24.20	ug/l	98
4) Vinyl Chloride	1.40	62	194059	24.76	ug/l	99
5) Bromomethane	1.64	94	78825	26.95	ug/l	99
6) Chloroethane	1.71	64	116569	25.74	ug/l	99
7) Trichlorofluoromethane	1.92	101	263203	25.31	ug/l	99
8) Diethyl Ether	2.19	74	114303	25.69	ug/l	90
9) 1,1,2-Trichlorotrifluoroet	2.38	101	156134	23.77	ug/l	96
10) Methyl Iodide	2.51	142	189670	26.99	ug/l	93
11) Tert butyl alcohol	3.09	59	223696	128.99	ug/l	99
12) 1,1-Dichloroethene	2.37	96	154911	24.96	ug/l	89
13) Acrolein	2.29	56	71599	86.07	ug/l	98
14) Allyl chloride	2.73	41	264444	23.49	ug/l	86
15) Acrylonitrile	3.15	53	496809	125.04	ug/l	97
16) Acetone	2.45	43	427045	133.14	ug/l #	88
17) Carbon Disulfide	2.57	76	403878	23.71	ug/l	98
18) Methyl Acetate	2.78	43	216996	20.77	ug/l	95
19) Methyl tert-butyl Ether	3.21	73	530239	25.73	ug/l	100
20) Methylene Chloride	2.85	84	176810	30.74	ug/l	91
21) trans-1,2-Dichloroethene	3.16	96	162704	24.27	ug/l	94
22) Diisopropyl ether	3.88	45	517256	23.68	ug/l	92
23) Vinyl Acetate	3.83	43	1408150	78.18	ug/l	95
24) 1,1-Dichloroethane	3.70	63	317841	25.65	ug/l	99
25) 2-Butanone	4.71	43	638244	127.15	ug/l #	90
26) 2,2-Dichloropropane	4.59	77	88153	10.14	ug/l	84
27) cis-1,2-Dichloroethene	4.60	96	182961	25.37	ug/l	95
28) Bromochloromethane	5.02	49	139756	25.98	ug/l	88
29) Tetrahydrofuran	5.17	42	412314	129.52	ug/l	92
30) Chloroform	5.22	83	302500	26.50	ug/l	93
31) Cyclohexane	5.57	56	244654	25.57	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	254808	26.24	ug/l	98
36) 1,1-Dichloropropene	5.80	75	213548	22.49	ug/l	98
37) Ethyl Acetate	4.87	43	167756	15.68	ug/l #	94
38) Carbon Tetrachloride	5.79	117	222192	23.00	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	231359	21.29	ug/l	95
40) Benzene	6.15	78	679856	23.54	ug/l	99
41) Methacrylonitrile	5.06	41	137928	23.44	ug/l	91
42) 1,2-Dichloroethane	6.21	62	230890	23.31	ug/l	95
43) Isopropyl Acetate	6.47	43	321570	19.92	ug/l	93
44) Trichloroethene	7.21	130	197390	23.59	ug/l	97
45) 1,2-Dichloropropane	7.52	63	177600	23.64	ug/l	100
46) Dibromomethane	7.67	93	113751	22.74	ug/l	97
47) Bromodichloromethane	7.90	83	212838	23.23	ug/l	98
48) Methyl methacrylate	7.78	41	193490	23.49	ug/l	87
49) 1,4-Dioxane	7.76	88	85898	455.43	ug/l	93
51) 4-Methyl-2-Pentanone	8.65	43	1259290	118.48	ug/l	91
52) Toluene	8.79	92	432405	23.91	ug/l	99
53) t-1,3-Dichloropropene	8.44	75	233235	21.56	ug/l	100
54) cis-1,3-Dichloropropene	9.04	75	212370	21.51	ug/l	91
55) 1,1,2-Trichloroethane	9.22	97	179845	23.80	ug/l	98
56) Ethyl methacrylate	9.18	69	260034	24.31	ug/l #	83
57) 1,3-Dichloropropane	9.37	76	292434	24.09	ug/l	100
59) 2-Hexanone	9.50	43	966215	118.32	ug/l	89
60) Dibromochloromethane	9.59	129	184315	24.55	ug/l	100
61) 1,2-Dibromoethane	9.68	107	186145	23.90	ug/l	99
64) Tetrachloroethene	9.34	164	208760	23.80	ug/l	97
65) Chlorobenzene	10.14	112	488810	24.68	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	178154	25.30	ug/l	99
67) Ethyl Benzene	10.26	91	808231	24.96	ug/l	100
68) m/p-Xylenes	10.36	106	634645	50.68	ug/l	96
69) o-Xylene	10.70	106	303445	25.23	ug/l	96
70) Styrene	10.71	104	498549	25.18	ug/l	97
71) Bromoform	10.86	173	140958	24.89	ug/l	99
73) Isopropylbenzene	11.02	105	800720	25.16	ug/l	100
74) N-amyl acetate	6.47	43	321570	21.01	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	11.27	83	256702	24.44	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	226517m	25.18	ug/l	
77) Bromobenzene	11.26	156	224106	24.79	ug/l	99
78) n-propylbenzene	11.36	91	902025	25.37	ug/l	99
79) 2-Chlorotoluene	11.43	91	548252	25.15	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	676398	26.02	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.08	75	54416	19.65	ug/l	93
82) 4-Chlorotoluene	11.51	91	647320	25.45	ug/l	98
83) tert-Butylbenzene	11.77	119	670720	26.40	ug/l	95
84) 1,2,4-Trimethylbenzene	11.81	105	698565	26.16	ug/l	97
85) sec-Butylbenzene	11.95	105	781406	25.35	ug/l	100
86) p-Isopropyltoluene	12.07	119	700362	25.53	ug/l	98
87) 1,3-Dichlorobenzene	12.03	146	407057	24.61	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	411582	24.50	ug/l	99
89) n-Butylbenzene	12.39	91	571694	24.46	ug/l	98
90) Hexachloroethane	12.60	117	108030	25.99	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	430779	25.93	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	56092	25.67	ug/l	89
93) 1,2,4-Trichlorobenzene	13.65	180	287243	25.27	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	122066	22.30	ug/l	99
95) Naphthalene	13.83	128	872369	26.77	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	289652	24.77	ug/l	100

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

