

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\VX060718\
 Data File : VX002389.D
 Acq On : 07 Jun 2018 20:20
 Operator : JC/MD
 Sample : J3340-03MSD
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF5-0064MSD

Manual Integrations
 APPROVED

MMDadoda
 6/8/2018 1:20:28 PM

Quant Time: Jun 08 09:13:27 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	240229	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	353655	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	338792	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	216353	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	162768	47.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.38%	
35) Dibromofluoromethane	5.51	113	127349	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
50) Toluene-d8	8.72	98	488127	45.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.58%	
62) 4-Bromofluorobenzene	11.14	95	187478	45.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123226	49.344	ug/l	100
3) Chloromethane	1.32	50	136880	47.706	ug/l	99
4) Vinyl Chloride	1.41	62	155115	49.285	ug/l	99
5) Bromomethane	1.64	94	86279	48.330	ug/l	99
6) Chloroethane	1.72	64	103261	50.720	ug/l	99
7) Trichlorofluoromethane	1.93	101	262339	54.707	ug/l	98
8) Diethyl Ether	2.19	74	93790	55.291	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.39	101	144024	55.656	ug/l	100
10) Methyl Iodide	2.51	142	151750	41.691	ug/l	99
11) Tert butyl alcohol	3.08	59	196501	281.603	ug/l	98
12) 1,1-Dichloroethene	2.37	96	132193	51.690	ug/l	97
13) Acrolein	2.30	56	68996	200.340	ug/l	100
14) Allyl chloride	2.73	41	260134	46.871	ug/l	98
15) Acrylonitrile	3.15	53	407294	279.728	ug/l	99
16) Acetone	2.45	43	388471	264.010	ug/l	100
17) Carbon Disulfide	2.57	76	312070	46.298	ug/l	100
18) Methyl Acetate	2.78	43	185029	53.978	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	491473	55.447	ug/l	100
20) Methylene Chloride	2.86	84	147606	54.596	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	140118	49.684	ug/l	98
22) Diisopropyl ether	3.87	45	458674	49.453	ug/l	94
23) Vinyl Acetate	3.83	43	1881979	209.176	ug/l	100
24) 1,1-Dichloroethane	3.70	63	235949	43.014	ug/l	100
25) 2-Butanone	4.71	43	530859	225.376	ug/l	100
26) 2,2-Dichloropropane	4.59	77	167642	39.097	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	141040	45.985	ug/l	94
28) Bromochloromethane	5.03	49	122825	52.851	ug/l	98
29) Tetrahydrofuran	5.17	42	345734	227.660	ug/l	98
30) Chloroform	5.22	83	248315	46.913	ug/l	98
31) Cyclohexane	5.58	56	212823	49.065	ug/l	99
32) 1,1,1-Trichloroethane	5.50	97	219430	48.882	ug/l	100
36) 1,1-Dichloropropene	5.81	75	179749	48.347	ug/l	99
37) Ethyl Acetate	4.87	43	198471	44.389	ug/l	100
38) Carbon Tetrachloride	5.79	117	191752	49.300	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	214539	46.724	ug/l	99
40) Benzene	6.15	78	544118	47.730	ug/l	99
41) Methacrylonitrile	5.07	41	118374	46.248	ug/l	98
42) 1,2-Dichloroethane	6.20	62	212829	46.990	ug/l	100
43) Isopropyl Acetate	6.47	43	339169	44.660	ug/l	100
44) Trichloroethene	7.22	130	152825	48.303	ug/l	98
45) 1,2-Dichloropropane	7.52	63	142962	46.453	ug/l	100
46) Dibromomethane	7.67	93	96800	46.398	ug/l	99
47) Bromodichloromethane	7.90	83	180130	47.739	ug/l	98
48) Methyl methacrylate	7.78	41	179429	47.036	ug/l	100
49) 1,4-Dioxane	7.76	88	72370	1014.627	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1144149	241.924	ug/l	100
52) Toluene	8.79	92	354817	48.937	ug/l	100
53) t-1,3-Dichloropropene	8.44	75	208941	46.176	ug/l	100
54) cis-1,3-Dichloropropene	9.05	75	197562	46.278	ug/l	99
55) 1,1,2-Trichloroethane	9.22	97	143945	48.271	ug/l	99
56) Ethyl methacrylate	9.18	69	226047	47.480	ug/l	99
57) 1,3-Dichloropropane	9.38	76	236700	47.314	ug/l	99
59) 2-Hexanone	9.50	43	873884	239.223	ug/l	99
60) Dibromochloromethane	9.59	129	148031	49.352	ug/l	99
61) 1,2-Dibromoethane	9.68	107	150052	48.259	ug/l	97
64) Tetrachloroethene	9.34	164	165834	47.462	ug/l	98
65) Chlorobenzene	10.14	112	407535	48.343	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.23	131	150442	49.286	ug/l	99
67) Ethyl Benzene	10.26	91	702954	49.827	ug/l	99
68) m/p-Xylenes	10.37	106	547707	99.872	ug/l	98
69) o-Xylene	10.70	106	269573	49.395	ug/l	99
70) Styrene	10.71	104	448009	50.215	ug/l	99
71) Bromoform	10.86	173	115752	42.872	ug/l	100
73) Isopropylbenzene	11.02	105	729188	48.449	ug/l	100
74) N-amyl acetate	6.47	43	339169	41.823	ug/l #	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	220435	46.568	ug/l	100
76) 1,2,3-Trichloropropane	11.30	75	215209m	45.332	ug/l	
77) Bromobenzene	11.26	156	199381	47.188	ug/l	98
78) n-propylbenzene	11.37	91	832419	49.761	ug/l	100
79) 2-Chlorotoluene	11.43	91	490952	46.479	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	624238	48.356	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.08	75	55532	41.004	ug/l	97
82) 4-Chlorotoluene	11.51	91	581296	47.678	ug/l	99
83) tert-Butylbenzene	11.77	119	617928	49.156	ug/l	99
84) 1,2,4-Trimethylbenzene	11.81	105	638205	48.027	ug/l	99
85) sec-Butylbenzene	11.95	105	748020	50.758	ug/l	99
86) p-Isopropyltoluene	12.07	119	677135	50.444	ug/l	100
87) 1,3-Dichlorobenzene	12.03	146	361139	47.802	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	366877	47.113	ug/l	99
89) n-Butylbenzene	12.39	91	577832	51.326	ug/l	100
90) Hexachloroethane	12.60	117	100958	47.115	ug/l	98
91) 1,2-Dichlorobenzene	12.40	146	371414	47.516	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.01	75	49762	48.072	ug/l	99
93) 1,2,4-Trichlorobenzene	13.65	180	266111	48.552	ug/l	99

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.79	225	141182	52.127	ug/l	98
95) Naphthalene	13.84	128	778217	49.417	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	273656	48.957	ug/l	99

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

