

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX061120\
 Data File : VX016709.D
 Acq On : 11 Jun 2020 17:05
 Operator : JC/SP
 Sample : L2963-18MS
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF014RW131-200608MS

Manual Integrations
 APPROVED

MMDadoda
 6/12/2020 5:45:30 PM

Quant Time: Jun 12 07:41:37 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X052720W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 27 16:31:05 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	209893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	318100	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	302412	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	160308	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	126245	48.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.86%	
35) Dibromofluoromethane	5.47	113	103745	52.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.94%	
50) Toluene-d8	8.70	98	380335	49.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.78%	
62) 4-Bromofluorobenzene	11.12	95	149998	50.92	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	86704	41.976	ug/l	98
3) Chloromethane	1.31	50	95191	38.135	ug/l	99
4) Vinyl Chloride	1.39	62	138049	52.296	ug/l	100
5) Bromomethane	1.62	94	60172	46.881	ug/l	100
6) Chloroethane	1.70	64	71578	46.483	ug/l	95
7) Trichlorofluoromethane	1.91	101	177799	51.287	ug/l	96
8) Diethyl Ether	2.17	74	67622	46.779	ug/l	93
9) 1,1,2-Trichlorotrifluoroet	2.36	101	95531	50.069	ug/l	96
10) Methyl Iodide	2.49	142	101841	45.001	ug/l	99
11) Tert butyl alcohol	3.02	59	148434	222.069	ug/l	99
12) 1,1-Dichloroethene	2.36	96	97970	48.509	ug/l	98
13) Acrolein	2.27	56	67915	238.856	ug/l	98
14) Allyl chloride	2.70	41	156296	42.081	ug/l	96
15) Acrylonitrile	3.12	53	317529	231.908	ug/l	100
16) Acetone	2.42	43	266760	233.588	ug/l	99
17) Carbon Disulfide	2.55	76	244420	40.753	ug/l	99
18) Methyl Acetate	2.75	43	140474	47.959	ug/l	95
19) Methyl tert-butyl Ether	3.17	73	361325	49.823	ug/l	95
20) Methylene Chloride	2.83	84	112585	47.650	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	106207	47.543	ug/l	94
22) Diisopropyl ether	3.82	45	313785	43.978	ug/l	97
23) Vinyl Acetate	3.78	43	1359316	217.651	ug/l	97
24) 1,1-Dichloroethane	3.67	63	189444	47.042	ug/l	99
25) 2-Butanone	4.64	43	426142	220.218	ug/l	94
26) 2,2-Dichloropropane	4.55	77	164539	49.931	ug/l	90
27) cis-1,2-Dichloroethene	4.56	96	333136	128.904	ug/l	91
28) Bromochloromethane	4.98	49	78996	42.212	ug/l	83
29) Tetrahydrofuran	5.09	42	271735	217.360	ug/l	93
30) Chloroform	5.18	83	204187	50.320	ug/l	97
31) Cyclohexane	5.55	56	145074	40.043	ug/l	93
32) 1,1,1-Trichloroethane	5.46	97	188424	51.290	ug/l	98
36) 1,1-Dichloropropene	5.77	75	141132	46.860	ug/l	98
37) Ethyl Acetate	4.79	43	155822	43.093	ug/l	97
38) Carbon Tetrachloride	5.76	117	165976	52.440	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	147489	45.085	ug/l	96
40) Benzene	6.12	78	432367	48.207	ug/l	100
41) Methacrylonitrile	5.01	41	86683	43.643	ug/l	96
42) 1,2-Dichloroethane	6.16	62	159810	50.103	ug/l	99
43) Isopropyl Acetate	6.41	43	247903	43.953	ug/l	97
44) Trichloroethene	7.19	130	139127	48.891	ug/l	98
45) 1,2-Dichloropropane	7.49	63	108879	47.685	ug/l	99
46) Dibromomethane	7.64	93	77482	50.522	ug/l	96
47) Bromodichloromethane	7.88	83	164446	51.786	ug/l	99
48) Methyl methacrylate	7.74	41	122053	45.196	ug/l	95
49) 1,4-Dioxane	7.71	88	57061	902.876	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	815412	232.183	ug/l	97
52) Toluene	8.76	92	280400	49.577	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	181218	50.187	ug/l	100
54) cis-1,3-Dichloropropene	8.42	75	184251	48.208	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	119128	52.975	ug/l	94
56) Ethyl methacrylate	9.16	69	179170	48.922	ug/l	97
57) 1,3-Dichloropropane	9.35	76	193349	50.092	ug/l	99
59) 2-Hexanone	9.48	43	637174	233.305	ug/l	98
60) Dibromochloromethane	9.57	129	140771	55.626	ug/l	99
61) 1,2-Dibromoethane	9.65	107	124524	51.711	ug/l	99
64) Tetrachloroethene	9.32	164	155183	45.867	ug/l	99
65) Chlorobenzene	10.12	112	383705	62.236	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	124274	52.804	ug/l	98
67) Ethyl Benzene	10.24	91	537228	48.941	ug/l	100
68) m/p-Xylenes	10.34	106	409142	100.528	ug/l	100
69) o-Xylene	10.68	106	195725	49.657	ug/l	98
70) Styrene	10.70	104	354637	52.345	ug/l	99
71) Bromoform	10.84	173	110643	55.627	ug/l #	99
73) Isopropylbenzene	11.00	105	526852	47.432	ug/l	100
74) N-amyl acetate	10.88	43	206435	40.405	ug/l	96
75) 1,1,2,2-Tetrachloroethane	11.25	83	147763	53.081	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	166420m	47.229	ug/l	
77) Bromobenzene	11.24	156	142661	48.969	ug/l	95
78) n-propylbenzene	11.34	91	582867	46.970	ug/l	99
79) 2-Chlorotoluene	11.41	91	360144	47.546	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	450296	48.552	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	64002	44.680	ug/l	98
82) 4-Chlorotoluene	11.49	91	431246	48.212	ug/l	99
83) tert-Butylbenzene	11.76	119	396084	49.981	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	460470	49.093	ug/l	100
85) sec-Butylbenzene	11.93	105	482728	48.558	ug/l	99
86) p-Isopropyltoluene	12.05	119	464221	49.850	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	249749	49.483	ug/l	100
88) 1,4-Dichlorobenzene	12.08	146	256525	49.695	ug/l	100
89) n-Butylbenzene	12.37	91	371239	47.861	ug/l	99
90) Hexachloroethane	12.58	117	82882	51.527	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	246219	50.352	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	43064	47.760	ug/l	97
93) 1,2,4-Trichlorobenzene	13.63	180	164212	50.564	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.77	225	68238	53.517	ug/l	97
95) Naphthalene	13.82	128	558102	50.130	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	159985	50.284	ug/l	99

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

