

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX071620\
 Data File : VX017386.D
 Acq On : 16 Jul 2020 13:03
 Operator : JC/SP
 Sample : VX0716WBS01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 Client Sampled :
 VX0716WBS01

Manual Integrations
 APPROVED

MMDadoda
 7/17/2020 4:44:12 PM

Quant Time: Jul 17 01:14:26 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X071320W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 14 02:59:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	317374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	490236	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	466601	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	251324	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196707	49.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.76%	
35) Dibromofluoromethane	5.46	113	165323	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
50) Toluene-d8	8.70	98	588753	49.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.86%	
62) 4-Bromofluorobenzene	11.12	95	214434	45.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.64%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	60368	22.479	ug/l	99
3) Chloromethane	1.31	50	65511	21.668	ug/l	97
4) Vinyl Chloride	1.39	62	66178	22.126	ug/l	98
5) Bromomethane	1.63	94	44460	22.834	ug/l	97
6) Chloroethane	1.72	64	40730	21.574	ug/l	100
7) Trichlorofluoromethane	1.92	101	104152	20.631	ug/l	98
8) Diethyl Ether	2.17	74	37668	21.109	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62805	21.840	ug/l	99
10) Methyl Iodide	2.49	142	70239	19.928	ug/l	98
11) Tert butyl alcohol	3.01	59	70191	104.589	ug/l	98
12) 1,1-Dichloroethene	2.36	96	61679	21.355	ug/l	94
13) Acrolein	2.27	56	27918	75.887	ug/l	95
14) Allyl chloride	2.71	41	110785	22.137	ug/l	93
15) Acrylonitrile	3.12	53	179289	110.203	ug/l	98
16) Acetone	2.42	43	150078	105.609	ug/l	96
17) Carbon Disulfide	2.55	76	182365	21.645	ug/l	99
18) Methyl Acetate	2.75	43	79403	22.622	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	199284	20.321	ug/l	98
20) Methylene Chloride	2.84	84	75471	21.767	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	68844	20.833	ug/l	99
22) Diisopropyl ether	3.82	45	217968	22.865	ug/l	99
23) Vinyl Acetate	3.79	43	929452	110.862	ug/l	100
24) 1,1-Dichloroethane	3.67	63	121854	21.750	ug/l	98
25) 2-Butanone	4.64	43	243782	108.007	ug/l	99
26) 2,2-Dichloropropane	4.55	77	105039	20.145	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	74476	20.552	ug/l	98
28) Bromochloromethane	4.98	49	53668	20.736	ug/l	93
29) Tetrahydrofuran	5.09	42	159632	109.258	ug/l	97
30) Chloroform	5.18	83	126414	20.972	ug/l	97
31) Cyclohexane	5.55	56	96134	20.960	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	115666	20.757	ug/l	98
36) 1,1-Dichloropropene	5.78	75	89679	19.888	ug/l	99
37) Ethyl Acetate	4.79	43	96300	20.650	ug/l	98
38) Carbon Tetrachloride	5.76	117	103517	19.607	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	92375	18.864	ug/l	88
40) Benzene	6.11	78	272570	21.033	ug/l	98
41) Methacrylonitrile	5.00	41	51473	20.560	ug/l	99
42) 1,2-Dichloroethane	6.16	62	101542	20.167	ug/l	100
43) Isopropyl Acetate	6.42	43	148947	19.989	ug/l	98
44) Trichloroethene	7.19	130	77527	19.585	ug/l	97
45) 1,2-Dichloropropane	7.49	63	72199	21.773	ug/l	95
46) Dibromomethane	7.64	93	48841	20.423	ug/l	95
47) Bromodichloromethane	7.88	83	102397	20.480	ug/l	99
48) Methyl methacrylate	7.74	41	72215	20.195	ug/l	99
49) 1,4-Dioxane	7.71	88	31849	435.234	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	491162	108.100	ug/l	98
52) Toluene	8.76	92	171032	20.566	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	104875	19.471	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	115862	20.168	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	72490	20.904	ug/l	99
56) Ethyl methacrylate	9.16	69	93165	18.923	ug/l	99
57) 1,3-Dichloropropane	9.35	76	118070	20.468	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	254929	101.979	ug/l	97
59) 2-Hexanone	9.47	43	359089	104.712	ug/l	97
60) Dibromochloromethane	9.56	129	82305	19.428	ug/l	99
61) 1,2-Dibromoethane	9.65	107	75254	19.948	ug/l	97
64) Tetrachloroethene	9.32	164	82018	20.309	ug/l	94
65) Chlorobenzene	10.12	112	183350	19.336	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	74678	19.781	ug/l	98
67) Ethyl Benzene	10.24	91	304784	19.308	ug/l	100
68) m/p-Xylenes	10.34	106	243107	40.477	ug/l	97
69) o-Xylene	10.68	106	110726	19.293	ug/l	98
70) Styrene	10.70	104	195230	19.818	ug/l	99
71) Bromoform	10.84	173	61205	19.212	ug/l #	97
73) Isopropylbenzene	11.00	105	305928	19.418	ug/l	99
74) N-amyl acetate	10.88	43	125449	19.898	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	102421	21.411	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	100280m	21.593	ug/l	
77) Bromobenzene	11.24	156	84611	18.856	ug/l	96
78) n-propylbenzene	11.34	91	350552	19.812	ug/l	100
79) 2-Chlorotoluene	11.40	91	214935	19.712	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	257297	19.239	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	33228	18.151	ug/l	95
82) 4-Chlorotoluene	11.49	91	256896	19.880	ug/l	100
83) tert-Butylbenzene	11.76	119	237447	18.367	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	265937	19.683	ug/l	100
85) sec-Butylbenzene	11.93	105	292195	19.306	ug/l	99
86) p-Isopropyltoluene	12.05	119	271621	18.967	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	153667	19.143	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	156671	19.319	ug/l	98
89) n-Butylbenzene	12.37	91	231856	18.983	ug/l	98
90) Hexachloroethane	12.58	117	53167	19.555	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	147556	19.561	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22735	18.012	ug/l	91

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	91709	17.514	ug/l	98
94) Hexachlorobutadiene	13.76	225	41732	19.542	ug/l	99
95) Naphthalene	13.82	128	274149	17.806	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	91210	18.032	ug/l	98

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

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