

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070620\
 Data File : VX017173.D
 Acq On : 06 Jul 2020 17:10
 Operator : JC/SP
 Sample : VX0706WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0706WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/7/2020 12:24:44 PM

Quant Time: Jul 07 07:35:13 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X062920W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 29 17:10:38 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	339734	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	512803	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	479187	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	259174	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	208378	49.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.50%	
35) Dibromofluoromethane	5.47	113	170940	52.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.40%	
50) Toluene-d8	8.70	98	618444	51.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.12%	
62) 4-Bromofluorobenzene	11.12	95	241361	51.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	59479	18.097	ug/l	98
3) Chloromethane	1.31	50	58688	14.752	ug/l	99
4) Vinyl Chloride	1.39	62	61517	16.666	ug/l	97
5) Bromomethane	1.63	94	39648	20.331	ug/l	98
6) Chloroethane	1.71	64	37645	17.268	ug/l	99
7) Trichlorofluoromethane	1.92	101	105997	19.416	ug/l	97
8) Diethyl Ether	2.17	74	35653	19.634	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.37	101	62049	18.964	ug/l	97
10) Methyl Iodide	2.50	142	52639	12.468	ug/l	100
11) Tert butyl alcohol	3.01	59	68936	86.279	ug/l	97
12) 1,1-Dichloroethene	2.36	96	60689	18.056	ug/l	95
13) Acrolein	2.27	56	23683	49.585	ug/l	93
14) Allyl chloride	2.71	41	107207	17.259	ug/l	98
15) Acrylonitrile	3.12	53	171966	89.531	ug/l	99
16) Acetone	2.42	43	160937	102.718	ug/l	97
17) Carbon Disulfide	2.55	76	167380	17.860	ug/l	99
18) Methyl Acetate	2.75	43	76242	18.641	ug/l	97
19) Methyl tert-butyl Ether	3.17	73	216562	19.197	ug/l	99
20) Methylene Chloride	2.84	84	69051	18.727	ug/l	95
21) trans-1,2-Dichloroethene	3.14	96	69037	18.508	ug/l	97
22) Diisopropyl ether	3.82	45	217151	18.888	ug/l	98
23) Vinyl Acetate	3.79	43	925428	93.673	ug/l	100
24) 1,1-Dichloroethane	3.67	63	121204	18.528	ug/l	99
25) 2-Butanone	4.64	43	242371	92.839	ug/l	94
26) 2,2-Dichloropropane	4.55	77	112848	19.428	ug/l	100
27) cis-1,2-Dichloroethene	4.57	96	77046	18.230	ug/l	99
28) Bromochloromethane	4.98	49	60105	18.881	ug/l	94
29) Tetrahydrofuran	5.10	42	149590	86.723	ug/l	97
30) Chloroform	5.18	83	127012	18.940	ug/l	99
31) Cyclohexane	5.55	56	101713	17.988	ug/l	100
32) 1,1,1-Trichloroethane	5.47	97	118010	19.108	ug/l	100
36) 1,1-Dichloropropene	5.77	75	92777	19.143	ug/l	99
37) Ethyl Acetate	4.79	43	94034	19.123	ug/l	99
38) Carbon Tetrachloride	5.76	117	106776	20.002	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	103056	19.111	ug/l	97
40) Benzene	6.12	78	271640	19.076	ug/l	99
41) Methacrylonitrile	5.01	41	51961	18.774	ug/l	99
42) 1,2-Dichloroethane	6.17	62	101828	19.797	ug/l	99
43) Isopropyl Acetate	6.42	43	154550	18.914	ug/l	100
44) Trichloroethene	7.19	130	80202	20.226	ug/l	100
45) 1,2-Dichloropropane	7.49	63	69198	18.920	ug/l	99
46) Dibromomethane	7.64	93	47673	19.092	ug/l	95
47) Bromodichloromethane	7.88	83	100935	19.615	ug/l	99
48) Methyl methacrylate	7.74	41	74503	19.191	ug/l	98
49) 1,4-Dioxane	7.71	88	30412	345.791	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	472626	97.030	ug/l	100
52) Toluene	8.77	92	175476	19.737	ug/l	96
53) t-1,3-Dichloropropene	9.02	75	111493	19.637	ug/l	97
54) cis-1,3-Dichloropropene	8.41	75	119606	19.651	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	71140	19.584	ug/l	98
56) Ethyl methacrylate	9.16	69	102511	19.827	ug/l	98
57) 1,3-Dichloropropane	9.35	76	118264	19.241	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	266539	103.583	ug/l	98
59) 2-Hexanone	9.47	43	351669	98.856	ug/l	100
60) Dibromochloromethane	9.56	129	83852	19.875	ug/l	100
61) 1,2-Dibromoethane	9.65	107	76814	19.673	ug/l	98
64) Tetrachloroethene	9.32	164	77912	20.146	ug/l	98
65) Chlorobenzene	10.12	112	196474	19.866	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	75797	19.886	ug/l	99
67) Ethyl Benzene	10.24	91	325027	19.679	ug/l	98
68) m/p-Xylenes	10.34	106	255688	40.318	ug/l	100
69) o-Xylene	10.68	106	117874	19.538	ug/l	97
70) Styrene	10.70	104	209269	20.370	ug/l	98
71) Bromoform	10.84	173	63622	21.049	ug/l #	99
73) Isopropylbenzene	11.00	105	327309	19.280	ug/l	100
74) N-amyl acetate	10.88	43	131933	18.214	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	99487	18.631	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	99249m	19.474	ug/l	
77) Bromobenzene	11.24	156	88056	18.873	ug/l	95
78) n-propylbenzene	11.34	91	368784	19.210	ug/l	99
79) 2-Chlorotoluene	11.40	91	227749	19.602	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	281345	19.980	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.05	75	36302	18.446	ug/l	96
82) 4-Chlorotoluene	11.49	91	271539	19.551	ug/l	98
83) tert-Butylbenzene	11.76	119	268619	19.433	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	280574	19.640	ug/l	99
85) sec-Butylbenzene	11.93	105	309397	19.042	ug/l	99
86) p-Isopropyltoluene	12.05	119	295679	19.548	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	161624	19.073	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	165401	20.585	ug/l	99
89) n-Butylbenzene	12.37	91	253645	18.780	ug/l	99
90) Hexachloroethane	12.58	117	52322	17.541	ug/l	93
91) 1,2-Dichlorobenzene	12.38	146	153096	19.328	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	22829	17.921	ug/l	98

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	105521	19.518	ug/l	98
94) Hexachlorobutadiene	13.77	225	39558	19.798	ug/l	95
95) Naphthalene	13.82	128	317773	19.334	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	103536	19.789	ug/l	98

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

