

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX070720\
 Data File : VX017194.D
 Acq On : 07 Jul 2020 11:41
 Operator : JC/SP
 Sample : VX0707WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0707WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/8/2020 9:31:34 AM

Quant Time: Jul 07 15:31:01 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	296273	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	430972	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	404451	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	169254	46.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.68%	
35) Dibromofluoromethane	5.46	113	135914	49.85	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.70%	
50) Toluene-d8	8.70	98	488506	48.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.92%	
62) 4-Bromofluorobenzene	11.12	95	188406	47.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	50596	17.652	ug/l	97
3) Chloromethane	1.31	50	51744	14.914	ug/l	98
4) Vinyl Chloride	1.39	62	51970	16.145	ug/l	97
5) Bromomethane	1.63	94	35850	21.080	ug/l	100
6) Chloroethane	1.72	64	34062	17.916	ug/l	96
7) Trichlorofluoromethane	1.92	101	92156	19.357	ug/l	100
8) Diethyl Ether	2.17	74	31907	20.139	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	49178	17.235	ug/l	96
10) Methyl Iodide	2.49	142	56401	15.319	ug/l	99
11) Tert butyl alcohol	3.01	59	60625	87.007	ug/l	98
12) 1,1-Dichloroethene	2.36	96	46934	16.012	ug/l	96
13) Acrolein	2.27	56	39456	94.727	ug/l	97
14) Allyl chloride	2.70	41	87945	16.235	ug/l	97
15) Acrylonitrile	3.11	53	143148	85.460	ug/l	99
16) Acetone	2.42	43	122002	89.291	ug/l	98
17) Carbon Disulfide	2.55	76	137151	16.783	ug/l	98
18) Methyl Acetate	2.75	43	64430	18.064	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	182085	18.509	ug/l	100
20) Methylene Chloride	2.83	84	59129	18.374	ug/l	94
21) trans-1,2-Dichloroethene	3.14	96	55726	17.131	ug/l	97
22) Diisopropyl ether	3.82	45	181918	18.144	ug/l	95
23) Vinyl Acetate	3.78	43	768086	89.151	ug/l	99
24) 1,1-Dichloroethane	3.67	63	100131	17.552	ug/l	99
25) 2-Butanone	4.63	43	192399	84.508	ug/l	99
26) 2,2-Dichloropropane	4.55	77	94855	18.726	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	63875	17.330	ug/l	99
28) Bromochloromethane	4.98	49	44730	16.113	ug/l	96
29) Tetrahydrofuran	5.09	42	122730	81.588	ug/l	96
30) Chloroform	5.17	83	109034	18.645	ug/l	100
31) Cyclohexane	5.54	56	82898	16.811	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	97972	18.191	ug/l	98
36) 1,1-Dichloropropene	5.77	75	75528	18.543	ug/l	99
37) Ethyl Acetate	4.79	43	77309	18.707	ug/l	99
38) Carbon Tetrachloride	5.75	117	89690	19.992	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	82986	18.311	ug/l	98
40) Benzene	6.11	78	223854	18.705	ug/l	98
41) Methacrylonitrile	5.00	41	43880	18.865	ug/l	98
42) 1,2-Dichloroethane	6.16	62	87468	20.234	ug/l	99
43) Isopropyl Acetate	6.41	43	123850	18.035	ug/l	99
44) Trichloroethene	7.18	130	66979	20.096	ug/l	98
45) 1,2-Dichloropropane	7.49	63	58744	19.111	ug/l	100
46) Dibromomethane	7.63	93	42518	20.260	ug/l	96
47) Bromodichloromethane	7.87	83	87256	20.176	ug/l	98
48) Methyl methacrylate	7.74	41	60247	18.466	ug/l	95
49) 1,4-Dioxane	7.71	88	26840	363.122	ug/l	93
51) 4-Methyl-2-Pentanone	8.62	43	384226	93.859	ug/l	100
52) Toluene	8.76	92	145610	19.487	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	94313	19.765	ug/l	96
54) cis-1,3-Dichloropropene	8.42	75	100412	19.630	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	60033	19.665	ug/l	99
56) Ethyl methacrylate	9.16	69	85185	19.604	ug/l	98
57) 1,3-Dichloropropane	9.35	76	101553	19.659	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	205882	95.203	ug/l	98
59) 2-Hexanone	9.47	43	284346	95.108	ug/l	99
60) Dibromochloromethane	9.56	129	73312	20.676	ug/l	98
61) 1,2-Dibromoethane	9.65	107	66099	20.143	ug/l	99
64) Tetrachloroethene	9.32	164	67403	20.649	ug/l	97
65) Chlorobenzene	10.12	112	159623	19.122	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	66354	20.626	ug/l	99
67) Ethyl Benzene	10.23	91	270908	19.433	ug/l	99
68) m/p-Xylenes	10.34	106	212492	39.698	ug/l	98
69) o-Xylene	10.68	106	97354	19.119	ug/l	98
70) Styrene	10.70	104	174688	20.146	ug/l	100
71) Bromoform	10.84	173	53392	20.929	ug/l #	99
73) Isopropylbenzene	11.00	105	269613	18.501	ug/l	100
74) N-amyl acetate	10.88	43	106146	17.070	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.25	83	84679	18.472	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	82504m	18.858	ug/l	
77) Bromobenzene	11.24	156	76096	18.999	ug/l	96
78) n-propylbenzene	11.34	91	308108	18.696	ug/l	99
79) 2-Chlorotoluene	11.40	91	186313	18.680	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	232326	19.219	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	29773	17.623	ug/l	96
82) 4-Chlorotoluene	11.49	91	226144	18.967	ug/l	99
83) tert-Butylbenzene	11.76	119	222808	18.776	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	237481	19.365	ug/l	100
85) sec-Butylbenzene	11.93	105	259450	18.601	ug/l	100
86) p-Isopropyltoluene	12.05	119	247707	19.076	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	135021	18.561	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	140406	20.354	ug/l	99
89) n-Butylbenzene	12.37	91	203194	17.525	ug/l	99
90) Hexachloroethane	12.58	117	48184	18.817	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	130915	19.253	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	19150	17.512	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	84911	18.296	ug/l	99
94) Hexachlorobutadiene	13.76	225	34213	19.940	ug/l	95
95) Naphthalene	13.82	128	257070	18.220	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	84675	18.852	ug/l	98

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

