

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX072920\
 Data File : VX017668.D
 Acq On : 29 Jul 2020 12:08
 Operator : JC/SP
 Sample : VX0729WBSD01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0729WBSD01

Manual Integrations
 APPROVED

MMDadoda
 7/30/2020 6:08:28 PM

Quant Time: Jul 30 04:50:44 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X072320W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 24 05:48:09 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	530683	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	777985	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	753358	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	396505	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	330748	48.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.04%	
35) Dibromofluoromethane	5.46	113	267610	51.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.86%	
50) Toluene-d8	8.70	98	901733	48.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.08%	
62) 4-Bromofluorobenzene	11.12	95	378970	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	94084	18.467	ug/l	100
3) Chloromethane	1.32	50	107427	16.623	ug/l	100
4) Vinyl Chloride	1.39	62	112418	16.834	ug/l	100
5) Bromomethane	1.63	94	81113	20.821	ug/l	97
6) Chloroethane	1.71	64	67999	17.977	ug/l	97
7) Trichlorofluoromethane	1.92	101	185329	17.644	ug/l	99
8) Diethyl Ether	2.17	74	66661	18.723	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.37	101	102011	17.698	ug/l	96
10) Methyl Iodide	2.50	142	116600	15.812	ug/l	94
11) Tert butyl alcohol	3.01	59	123178	85.736	ug/l	99
12) 1,1-Dichloroethene	2.36	96	93427	17.044	ug/l	97
13) Acrolein	2.27	56	79360	75.297	ug/l	99
14) Allyl chloride	2.71	41	173263	17.311	ug/l	98
15) Acrylonitrile	3.12	53	273808	88.236	ug/l	99
16) Acetone	2.42	43	252594	84.188	ug/l	98
17) Carbon Disulfide	2.55	76	266196	15.978	ug/l	99
18) Methyl Acetate	2.75	43	128549	18.192	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	337462	17.787	ug/l	97
20) Methylene Chloride	2.83	84	110137	18.686	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	106388	18.117	ug/l	97
22) Diisopropyl ether	3.82	45	332477	18.167	ug/l #	87
23) Vinyl Acetate	3.79	43	1486141	91.077	ug/l	100
24) 1,1-Dichloroethane	3.67	63	189703	17.994	ug/l	99
25) 2-Butanone	4.64	43	376169	88.255	ug/l	97
26) 2,2-Dichloropropane	4.55	77	173976	18.436	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	115844	18.163	ug/l	99
28) Bromochloromethane	4.98	49	93094	19.487	ug/l	96
29) Tetrahydrofuran	5.09	42	242693	91.923	ug/l	98
30) Chloroform	5.18	83	198485	18.426	ug/l	96
31) Cyclohexane	5.55	56	150270	17.875	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	187073	18.417	ug/l	99
36) 1,1-Dichloropropene	5.77	75	140920	18.886	ug/l	99
37) Ethyl Acetate	4.79	43	147482	18.065	ug/l	98
38) Carbon Tetrachloride	5.76	117	169380	18.693	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	148974	17.103	ug/l	98
40) Benzene	6.11	78	385943	18.041	ug/l	98
41) Methacrylonitrile	5.00	41	82773	17.688	ug/l	98
42) 1,2-Dichloroethane	6.16	62	166198	18.991	ug/l	98
43) Isopropyl Acetate	6.42	43	239368	17.770	ug/l	100
44) Trichloroethene	7.19	130	119031	19.040	ug/l	96
45) 1,2-Dichloropropane	7.49	63	109281	18.428	ug/l	99
46) Dibromomethane	7.64	93	76463	18.245	ug/l	98
47) Bromodichloromethane	7.87	83	156306	18.536	ug/l	92
48) Methyl methacrylate	7.74	41	117416	17.585	ug/l	97
49) 1,4-Dioxane	7.72	88	47940	374.484	ug/l	95
51) 4-Methyl-2-Pentanone	8.62	43	679683	84.567	ug/l	100
52) Toluene	8.76	92	262679	19.147	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	170208	18.031	ug/l	98
54) cis-1,3-Dichloropropene	8.41	75	177053	18.388	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	101237	17.714	ug/l	96
56) Ethyl methacrylate	9.16	69	154625	17.958	ug/l	99
57) 1,3-Dichloropropane	9.35	76	165871	17.626	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.29	63	435415	95.986	ug/l	98
59) 2-Hexanone	9.48	43	551946	91.214	ug/l	98
60) Dibromochloromethane	9.57	129	128083	17.633	ug/l	98
61) 1,2-Dibromoethane	9.65	107	111536	18.331	ug/l	100
64) Tetrachloroethene	9.32	164	123195	18.220	ug/l	97
65) Chlorobenzene	10.12	112	295007	18.091	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	122626	18.633	ug/l	97
67) Ethyl Benzene	10.23	91	501258	18.415	ug/l	96
68) m/p-Xylenes	10.34	106	359596	34.101	ug/l	97
69) o-Xylene	10.68	106	171587	16.919	ug/l	99
70) Styrene	10.70	104	294250	17.052	ug/l	99
71) Bromoform	10.84	173	101264	17.760	ug/l #	96
73) Isopropylbenzene	11.00	105	508371	18.689	ug/l	100
74) N-amyl acetate	10.88	43	191191	15.820	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	154306	18.174	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	154027m	18.884	ug/l	
77) Bromobenzene	11.24	156	144952	19.035	ug/l	97
78) n-propylbenzene	11.34	91	586970	19.133	ug/l	99
79) 2-Chlorotoluene	11.40	91	354398	18.649	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	444941	19.158	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	56004	17.302	ug/l	93
82) 4-Chlorotoluene	11.49	91	420704	18.767	ug/l	99
83) tert-Butylbenzene	11.76	119	416320	18.734	ug/l	100
84) 1,2,4-Trimethylbenzene	11.79	105	445586	19.290	ug/l	100
85) sec-Butylbenzene	11.93	105	486215	18.782	ug/l	98
86) p-Isopropyltoluene	12.05	119	447501	18.152	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	246912	18.882	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	245572	18.130	ug/l	98
89) n-Butylbenzene	12.37	91	393782	17.926	ug/l	98
90) Hexachloroethane	12.58	117	84137	17.311	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	228845	17.806	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	36405	16.957	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	163140	18.599	ug/l	97
94) Hexachlorobutadiene	13.77	225	70510	17.463	ug/l	97
95) Naphthalene	13.82	128	490474	18.731	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	156365	18.054	ug/l	99

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

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