

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022720\
 Data File : VX015037.D
 Acq On : 27 Feb 2020 11:06
 Operator : JC/SP
 Sample : VX0227WBSD02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0227WBSD02

Manual Integrations
 APPROVED

MMDadoda
 2/28/2020 11:28:52 AM

Quant Time: Feb 27 15:52:15 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	408872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	606775	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	571345	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	300023	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	224184	48.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.16%	
35) Dibromofluoromethane	5.48	113	188044	50.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.82%	
50) Toluene-d8	8.71	98	712931	50.07	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.14%	
62) 4-Bromofluorobenzene	11.13	95	263084	51.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.58%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	66703	17.227	ug/l	99
3) Chloromethane	1.32	50	83673	19.060	ug/l	98
4) Vinyl Chloride	1.40	62	83017	17.555	ug/l	97
5) Bromomethane	1.64	94	51961	16.975	ug/l	92
6) Chloroethane	1.72	64	54414	17.983	ug/l	98
7) Trichlorofluoromethane	1.92	101	111723	16.909	ug/l	99
8) Diethyl Ether	2.18	74	52465	19.148	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.38	101	70982	18.508	ug/l	99
10) Methyl Iodide	2.50	142	68446	18.978	ug/l	99
11) Tert butyl alcohol	3.02	59	84969	104.289	ug/l	99
12) 1,1-Dichloroethene	2.37	96	66390	17.715	ug/l	96
13) Acrolein	2.28	56	47726	76.858	ug/l	98
14) Allyl chloride	2.72	41	122857	18.490	ug/l	95
15) Acrylonitrile	3.12	53	219837	106.436	ug/l	99
16) Acetone	2.43	43	223775	82.977	ug/l	97
17) Carbon Disulfide	2.56	76	164888	15.747	ug/l	99
18) Methyl Acetate	2.76	43	107470	23.125	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	242691	19.898	ug/l	100
20) Methylene Chloride	2.85	84	82886	18.672	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	74605	18.041	ug/l	96
22) Diisopropyl ether	3.84	45	259647	20.460	ug/l	98
23) Vinyl Acetate	3.80	43	1097070	104.867	ug/l	100
24) 1,1-Dichloroethane	3.69	63	135382	18.902	ug/l	99
25) 2-Butanone	4.65	43	315045	100.285	ug/l	99
26) 2,2-Dichloropropane	4.57	77	109567	17.751	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	88074	19.053	ug/l	99
28) Bromochloromethane	5.00	49	57696	20.783	ug/l	99
29) Tetrahydrofuran	5.11	42	194919	109.147	ug/l	98
30) Chloroform	5.19	83	138817	19.535	ug/l	95
31) Cyclohexane	5.57	56	115776	17.748	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	113566	18.270	ug/l	100
36) 1,1-Dichloropropene	5.79	75	99524	18.336	ug/l	98
37) Ethyl Acetate	4.81	43	120535	21.292	ug/l	99
38) Carbon Tetrachloride	5.77	117	95833	18.117	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	121034	17.830	ug/l	97
40) Benzene	6.13	78	310272	19.132	ug/l	100
41) Methacrylonitrile	5.02	41	63637	20.866	ug/l	98
42) 1,2-Dichloroethane	6.18	62	109874	18.745	ug/l	98
43) Isopropyl Acetate	6.43	43	187976	20.129	ug/l	98
44) Trichloroethene	7.20	130	87337	18.551	ug/l	99
45) 1,2-Dichloropropane	7.50	63	81632	19.737	ug/l	95
46) Dibromomethane	7.65	93	55643	19.682	ug/l	95
47) Bromodichloromethane	7.89	83	106534	19.005	ug/l	98
48) Methyl methacrylate	7.76	41	91914	19.999	ug/l	98
49) 1,4-Dioxane	7.73	88	39239	456.646	ug/l	97
51) 4-Methyl-2-Pentanone	8.63	43	605766	107.426	ug/l	100
52) Toluene	8.78	92	196819	19.108	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	115582	18.814	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	130196	19.184	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	83433	20.021	ug/l	99
56) Ethyl methacrylate	9.17	69	126082	20.129	ug/l	99
57) 1,3-Dichloropropane	9.36	76	140358	20.009	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	332908	101.625	ug/l	99
59) 2-Hexanone	9.48	43	462081	104.254	ug/l	99
60) Dibromochloromethane	9.57	129	88153	19.657	ug/l	98
61) 1,2-Dibromoethane	9.67	107	85912	19.107	ug/l	99
64) Tetrachloroethene	9.33	164	87844	16.444	ug/l	97
65) Chlorobenzene	10.13	112	218236	18.832	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	81687	19.416	ug/l	98
67) Ethyl Benzene	10.25	91	373912	18.972	ug/l	98
68) m/p-Xylenes	10.36	106	288574	38.009	ug/l	98
69) o-Xylene	10.69	106	135216	18.527	ug/l	99
70) Styrene	10.71	104	236268	19.136	ug/l	99
71) Bromoform	10.85	173	66318	18.885	ug/l #	98
73) Isopropylbenzene	11.01	105	367801	19.549	ug/l	100
74) N-amyl acetate	10.89	43	158078	20.221	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	128371	20.872	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	106728m	19.672	ug/l	
77) Bromobenzene	11.25	156	101182	19.268	ug/l	99
78) n-propylbenzene	11.35	91	428694	19.700	ug/l	99
79) 2-Chlorotoluene	11.42	91	248968	19.461	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	311057	19.786	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	40500	19.108	ug/l	96
82) 4-Chlorotoluene	11.51	91	292925	19.335	ug/l	99
83) tert-Butylbenzene	11.76	119	296005	19.883	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	313727	19.802	ug/l	100
85) sec-Butylbenzene	11.94	105	367629	19.878	ug/l	98
86) p-Isopropyltoluene	12.06	119	335222	19.370	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	180307	19.139	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	180414	18.753	ug/l	99
89) n-Butylbenzene	12.39	91	294476	18.999	ug/l	99
90) Hexachloroethane	12.59	117	56703	18.762	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	176369	19.090	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	26890	18.636	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	129880	19.046	ug/l	96
94) Hexachlorobutadiene	13.78	225	63548	19.267	ug/l	98
95) Naphthalene	13.83	128	361829	19.956	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	128776	19.546	ug/l	99

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

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