

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX010920\
 Data File : VX014500.D
 Acq On : 09 Jan 2020 16:35
 Operator : JC/SP
 Sample : VX0109WBS02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0109WBS02

Manual Integrations
 APPROVED

apatel
 1/10/2020 8:35:04 AM

Quant Time: Jan 09 17:10:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010720W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 07 15:54:41 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	500819	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	755753	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	678589	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	340994	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	269476	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	
35) Dibromofluoromethane	5.48	113	223087	48.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.52%	
50) Toluene-d8	8.71	98	872136	49.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.24%	
62) 4-Bromofluorobenzene	11.13	95	309419	47.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.94%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	121021	19.618	ug/l	99
3) Chloromethane	1.32	50	128831	20.181	ug/l	100
4) Vinyl Chloride	1.40	62	144261	20.279	ug/l	100
5) Bromomethane	1.64	94	78423	16.631	ug/l	98
6) Chloroethane	1.72	64	84847	21.145	ug/l	97
7) Trichlorofluoromethane	1.92	101	155779	19.304	ug/l	100
8) Diethyl Ether	2.18	74	67964	18.461	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	93891	19.125	ug/l	98
10) Methyl Iodide	2.50	142	88773	15.101	ug/l	98
11) Tert butyl alcohol	3.02	59	117719	100.842	ug/l	99
12) 1,1-Dichloroethene	2.37	96	91662	18.531	ug/l	98
13) Acrolein	2.28	56	72690	77.688	ug/l	96
14) Allyl chloride	2.72	41	165054	19.006	ug/l	99
15) Acrylonitrile	3.13	53	273055	96.916	ug/l	99
16) Acetone	2.43	43	294396	102.555	ug/l	100
17) Carbon Disulfide	2.56	76	248279	17.989	ug/l	98
18) Methyl Acetate	2.76	43	166046	20.664	ug/l	97
19) Methyl tert-butyl Ether	3.18	73	312677	19.692	ug/l	98
20) Methylene Chloride	2.84	84	107768	19.161	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	99521	18.430	ug/l	99
22) Diisopropyl ether	3.84	45	337444	20.107	ug/l	95
23) Vinyl Acetate	3.80	43	1285504	98.936	ug/l	99
24) 1,1-Dichloroethane	3.69	63	182025	19.938	ug/l	99
25) 2-Butanone	4.65	43	404021	96.743	ug/l	97
26) 2,2-Dichloropropane	4.57	77	146709	18.970	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	115293	19.099	ug/l	99
28) Bromochloromethane	5.00	49	75969	19.748	ug/l	95
29) Tetrahydrofuran	5.11	42	241527	97.818	ug/l	99
30) Chloroform	5.20	83	173822	19.484	ug/l	95
31) Cyclohexane	5.57	56	174066	20.369	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	149193	19.537	ug/l	100
36) 1,1-Dichloropropene	5.79	75	134941	18.987	ug/l	99
37) Ethyl Acetate	4.81	43	149848	19.411	ug/l	99
38) Carbon Tetrachloride	5.78	117	124301	19.006	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	173872	19.473	ug/l	98
40) Benzene	6.13	78	417004	19.769	ug/l	97
41) Methacrylonitrile	5.02	41	82917	20.141	ug/l	99
42) 1,2-Dichloroethane	6.18	62	142012	19.255	ug/l	98
43) Isopropyl Acetate	6.43	43	244460	19.603	ug/l	99
44) Trichloroethene	7.20	130	114806	18.939	ug/l	96
45) 1,2-Dichloropropane	7.50	63	107959	20.075	ug/l	98
46) Dibromomethane	7.65	93	68992	18.380	ug/l	99
47) Bromodichloromethane	7.89	83	133737	19.581	ug/l	99
48) Methyl methacrylate	7.76	41	118399	19.823	ug/l	98
49) 1,4-Dioxane	7.73	88	47829	377.918	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	757426	99.669	ug/l	99
52) Toluene	8.78	92	262539	19.443	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	146406	18.412	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	166751	19.413	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106657	19.665	ug/l	99
56) Ethyl methacrylate	9.17	69	162642	19.573	ug/l	99
57) 1,3-Dichloropropane	9.36	76	177157	19.536	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	282850	100.049	ug/l	99
59) 2-Hexanone	9.48	43	586771	97.584	ug/l	99
60) Dibromochloromethane	9.57	129	106032	19.450	ug/l	99
61) 1,2-Dibromoethane	9.67	107	109274	19.020	ug/l	98
64) Tetrachloroethene	9.33	164	128412	18.881	ug/l	97
65) Chlorobenzene	10.13	112	282984	19.216	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	100695	19.160	ug/l	98
67) Ethyl Benzene	10.25	91	490038	19.523	ug/l	99
68) m/p-Xylenes	10.36	106	379421	39.182	ug/l	100
69) o-Xylene	10.70	106	180909	19.580	ug/l	100
70) Styrene	10.71	104	303698	19.047	ug/l	100
71) Bromoform	10.85	173	80687	18.765	ug/l	100
73) Isopropylbenzene	11.01	105	483858	20.207	ug/l	100
74) N-amyl acetate	10.89	43	210587	19.934	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	153936	20.046	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	131563m	18.648	ug/l	
77) Bromobenzene	11.25	156	125780	18.941	ug/l	98
78) n-propylbenzene	11.35	91	545432	19.890	ug/l	100
79) 2-Chlorotoluene	11.42	91	322416	19.727	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	400622	20.152	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	48866	18.312	ug/l	95
82) 4-Chlorotoluene	11.51	91	372630	19.423	ug/l	99
83) tert-Butylbenzene	11.76	119	376134	20.024	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	402605	20.042	ug/l	100
85) sec-Butylbenzene	11.94	105	465671	19.942	ug/l	100
86) p-Isopropyltoluene	12.06	119	430330	19.859	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	222155	18.641	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	224423	19.689	ug/l	99
89) n-Butylbenzene	12.39	91	369737	18.662	ug/l	99
90) Hexachloroethane	12.59	117	72402	19.022	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	223389	19.132	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	32351	18.729	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	153302	18.637	ug/l	99
94) Hexachlorobutadiene	13.78	225	74366	19.414	ug/l	99
95) Naphthalene	13.83	128	457580	17.990	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	153669	18.940	ug/l	99

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

