

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_X\DATA\WX090820\
 Data File : VX018308.D
 Acq On : 09 Sep 2020 04:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 9/9/2020 8:47:55 PM

Quant Time: Sep 09 05:19:39 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082120W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 21 03:03:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	397814	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	647405	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	623884	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	348643	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	299502	54.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.46%	
35) Dibromofluoromethane	5.47	113	232851	52.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.62%	
50) Toluene-d8	8.70	98	821796	50.04	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.08%	
62) 4-Bromofluorobenzene	11.12	95	337930	52.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.60%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	234041	48.321	ug/l	99
3) Chloromethane	1.31	50	217379	42.570	ug/l	100
4) Vinyl Chloride	1.39	62	230798	45.404	ug/l	99
5) Bromomethane	1.62	94	139860	57.044	ug/l	97
6) Chloroethane	1.70	64	139723	51.178	ug/l	94
7) Trichlorofluoromethane	1.91	101	393353	56.751	ug/l	99
8) Diethyl Ether	2.17	74	124813	53.098	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.36	101	194552	51.919	ug/l	98
10) Methyl Iodide	2.49	142	194900	48.760	ug/l	98
11) Tert butyl alcohol	3.02	59	267743	249.340	ug/l	100
12) 1,1-Dichloroethene	2.36	96	190820	49.084	ug/l	99
13) Acrolein	2.27	56	91282	205.014	ug/l	96
14) Allyl chloride	2.70	41	335440	48.026	ug/l	97
15) Acrylonitrile	3.12	53	620409	254.704	ug/l	99
16) Acetone	2.42	43	575968	267.647	ug/l	96
17) Carbon Disulfide	2.55	76	523831	44.572	ug/l	99
18) Methyl Acetate	2.75	43	305607	58.850	ug/l	100
19) Methyl tert-butyl Ether	3.17	73	717693	53.830	ug/l	96
20) Methylene Chloride	2.83	84	225369	51.248	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	212324	49.296	ug/l	99
22) Diisopropyl ether	3.82	45	710175	51.516	ug/l	93
23) Vinyl Acetate	3.78	43	3134015	255.494	ug/l	99
24) 1,1-Dichloroethane	3.67	63	397360	50.636	ug/l	99
25) 2-Butanone	4.64	43	881149	249.146	ug/l	98
26) 2,2-Dichloropropane	4.55	77	236145	36.985	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	241507	48.665	ug/l	97
28) Bromochloromethane	4.98	49	184560	48.724	ug/l	99
29) Tetrahydrofuran	5.09	42	557523	247.636	ug/l	97
30) Chloroform	5.18	83	425988	52.426	ug/l	99
31) Cyclohexane	5.55	56	322623	48.806	ug/l	97
32) 1,1,1-Trichloroethane	5.46	97	396340	53.152	ug/l	100
36) 1,1-Dichloropropene	5.77	75	297122	49.758	ug/l	99
37) Ethyl Acetate	4.79	43	339796	48.995	ug/l	98
38) Carbon Tetrachloride	5.76	117	365751	54.351	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	321610	49.255	ug/l	99
40) Benzene	6.12	78	867640	49.449	ug/l	98
41) Methacrylonitrile	5.00	41	182277	47.867	ug/l	96
42) 1,2-Dichloroethane	6.16	62	361975	53.845	ug/l	97
43) Isopropyl Acetate	6.42	43	549157	49.024	ug/l	100
44) Trichloroethene	7.19	130	247092	49.839	ug/l	98
45) 1,2-Dichloropropane	7.49	63	233797	49.439	ug/l	97
46) Dibromomethane	7.64	93	168084	50.544	ug/l	99
47) Bromodichloromethane	7.88	83	355159	53.488	ug/l	96
48) Methyl methacrylate	7.74	41	275165	49.345	ug/l	98
49) 1,4-Dioxane	7.71	88	88272	873.885	ug/l	96
51) 4-Methyl-2-Pentanone	8.62	43	1779167	257.124	ug/l	100
52) Toluene	8.77	92	553783	49.774	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	356020	48.378	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	368321	47.247	ug/l	95
55) 1,1,2-Trichloroethane	9.20	97	235981	49.731	ug/l	98
56) Ethyl methacrylate	9.16	69	357001	50.609	ug/l	99
57) 1,3-Dichloropropane	9.35	76	393707	50.305	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	627481	197.739	ug/l	98
59) 2-Hexanone	9.48	43	1382402	262.741	ug/l	100
60) Dibromochloromethane	9.57	129	293800	52.780	ug/l	98
61) 1,2-Dibromoethane	9.65	107	258040	50.089	ug/l	98
64) Tetrachloroethene	9.32	164	230412	50.257	ug/l	92
65) Chlorobenzene	10.12	112	624097	50.087	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	261486	53.244	ug/l	98
67) Ethyl Benzene	10.24	91	1088834	51.384	ug/l	100
68) m/p-Xylenes	10.34	106	836882	105.813	ug/l	96
69) o-Xylene	10.68	106	399947	52.165	ug/l	99
70) Styrene	10.70	104	706370	54.100	ug/l	98
71) Bromoform	10.84	173	230599	55.050	ug/l #	99
73) Isopropylbenzene	11.00	105	1092711	47.516	ug/l	99
74) N-amyl acetate	10.88	43	501601	45.971	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	363691	44.831	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	345174m	44.506	ug/l	
77) Bromobenzene	11.24	156	292432	46.003	ug/l	98
78) n-propylbenzene	11.34	91	1270407	48.652	ug/l	100
79) 2-Chlorotoluene	11.40	91	771729	47.837	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	957249	50.654	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	115983	40.390	ug/l	95
82) 4-Chlorotoluene	11.49	91	923517	48.154	ug/l	100
83) tert-Butylbenzene	11.76	119	929644	49.848	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	974170	50.421	ug/l	99
85) sec-Butylbenzene	11.93	105	1095184	51.639	ug/l	100
86) p-Isopropyltoluene	12.05	119	1020841	52.402	ug/l	98
87) 1,3-Dichlorobenzene	12.01	146	537359	48.147	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	539077	48.240	ug/l	97
89) n-Butylbenzene	12.37	91	872215	49.054	ug/l	99
90) Hexachloroethane	12.58	117	203712	53.149	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	518278	49.332	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	96733	47.688	ug/l	97

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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	333675	47.630	ug/l	99
94) Hexachlorobutadiene	13.77	225	141441	51.187	ug/l	99
95) Naphthalene	13.82	128	1142781	49.566	ug/l	99
96) 1,2,3-Trichlorobenzene	14.00	180	349483	50.487	ug/l	98

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

