

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX092520\
 Data File : VX018589.D
 Acq On : 25 Sep 2020 10:00
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 9/28/2020 12:49:52 PM

Quant Time: Sep 25 18:28:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X091720W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 17 12:17:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	486492	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	718870	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	678830	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	370668	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	329831	47.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.86%	
35) Dibromofluoromethane	5.46	113	257480	51.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.62%	
50) Toluene-d8	8.70	98	929007	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
62) 4-Bromofluorobenzene	11.12	95	356446	49.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	237360	51.462	ug/l	97
3) Chloromethane	1.31	50	248140	45.953	ug/l	97
4) Vinyl Chloride	1.39	62	262381	45.898	ug/l	100
5) Bromomethane	1.64	94	179519	51.165	ug/l	99
6) Chloroethane	1.71	64	153079	46.788	ug/l	98
7) Trichlorofluoromethane	1.92	101	465802	53.636	ug/l	98
8) Diethyl Ether	2.17	74	139873	45.905	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	242961	51.977	ug/l	99
10) Methyl Iodide	2.50	142	306682	52.728	ug/l	96
11) Tert butyl alcohol	3.05	59	222813	186.070	ug/l	100
12) 1,1-Dichloroethene	2.36	96	224654	47.684	ug/l	98
13) Acrolein	2.28	56	133496	176.064	ug/l	98
14) Allyl chloride	2.71	41	408336	44.725	ug/l	96
15) Acrylonitrile	3.12	53	624203	218.466	ug/l	99
16) Acetone	2.43	43	681930	259.091	ug/l	99
17) Carbon Disulfide	2.55	76	641978	45.626	ug/l	99
18) Methyl Acetate	2.75	43	296864	45.523	ug/l	98
19) Methyl tert-butyl Ether	3.17	73	831602	50.282	ug/l	97
20) Methylene Chloride	2.84	84	262485	45.200	ug/l	97
21) trans-1,2-Dichloroethene	3.14	96	252557	46.125	ug/l	95
22) Diisopropyl ether	3.82	45	827766	48.235	ug/l	92
23) Vinyl Acetate	3.78	43	3597089	236.543	ug/l	100
24) 1,1-Dichloroethane	3.67	63	466596	47.145	ug/l	99
25) 2-Butanone	4.64	43	916209	223.534	ug/l	99
26) 2,2-Dichloropropane	4.55	77	444290	48.586	ug/l	100
27) cis-1,2-Dichloroethene	4.56	96	282012	45.951	ug/l	98
28) Bromochloromethane	4.98	49	235799	50.914	ug/l	97
29) Tetrahydrofuran	5.09	42	541148	209.474	ug/l	98
30) Chloroform	5.18	83	502708	50.061	ug/l	99
31) Cyclohexane	5.54	56	387939	46.579	ug/l	96
32) 1,1,1-Trichloroethane	5.46	97	469853	49.874	ug/l	97
36) 1,1-Dichloropropene	5.77	75	362627	51.972	ug/l	99
37) Ethyl Acetate	4.79	43	343014	46.037	ug/l	99
38) Carbon Tetrachloride	5.75	117	443233	57.358	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	400374	51.075	ug/l	98
40) Benzene	6.11	78	1016863	50.853	ug/l	99
41) Methacrylonitrile	5.00	41	195302	47.173	ug/l	99
42) 1,2-Dichloroethane	6.16	62	422799	54.350	ug/l	99
43) Isopropyl Acetate	6.41	43	586652	47.448	ug/l	100
44) Trichloroethene	7.18	130	299394	51.721	ug/l	95
45) 1,2-Dichloropropane	7.49	63	272115	49.580	ug/l	96
46) Dibromomethane	7.63	93	195586	51.870	ug/l	98
47) Bromodichloromethane	7.87	83	412882	54.331	ug/l	98
48) Methyl methacrylate	7.74	41	289706	48.139	ug/l	97
49) 1,4-Dioxane	7.76	88	74226	746.445	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1784664	242.422	ug/l	99
52) Toluene	8.76	92	656884	52.204	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	452332	52.384	ug/l	100
54) cis-1,3-Dichloropropene	8.41	75	471567	53.010	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	277262	53.102	ug/l	98
56) Ethyl methacrylate	9.16	69	396449	51.207	ug/l	98
57) 1,3-Dichloropropane	9.35	76	453161	51.657	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	1000672	243.108	ug/l	99
59) 2-Hexanone	9.47	43	1375773	245.697	ug/l	99
60) Dibromochloromethane	9.57	129	337276	54.173	ug/l	100
61) 1,2-Dibromoethane	9.65	107	299012	53.823	ug/l	99
64) Tetrachloroethene	9.32	164	289723	54.211	ug/l	96
65) Chlorobenzene	10.12	112	719277	51.458	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	298163	53.173	ug/l	99
67) Ethyl Benzene	10.23	91	1293831	53.476	ug/l	98
68) m/p-Xylenes	10.34	106	996056	108.831	ug/l	100
69) o-Xylene	10.68	106	462261	53.337	ug/l	99
70) Styrene	10.70	104	810912	54.189	ug/l	98
71) Bromoform	10.84	173	247829	52.639	ug/l #	99
73) Isopropylbenzene	11.00	105	1298395	52.435	ug/l	99
74) N-amyl acetate	10.88	43	513339	46.048	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	392287	47.862	ug/l	98
76) 1,2,3-Trichloropropane	11.28	75	363299m	46.640	ug/l	
77) Bromobenzene	11.24	156	325044	47.575	ug/l	98
78) n-propylbenzene	11.34	91	1503199	51.862	ug/l	100
79) 2-Chlorotoluene	11.40	91	887183	50.567	ug/l	98
80) 1,3,5-Trimethylbenzene	11.49	105	1116936	52.743	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	140932	46.363	ug/l	97
82) 4-Chlorotoluene	11.49	91	1075965	51.591	ug/l	99
83) tert-Butylbenzene	11.76	119	1051984	51.164	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	1135143	53.226	ug/l	99
85) sec-Butylbenzene	11.93	105	1258296	51.866	ug/l	99
86) p-Isopropyltoluene	12.05	119	1189580	53.353	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	629377	51.234	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	620226	49.794	ug/l	99
89) n-Butylbenzene	12.37	91	1075714	52.116	ug/l	100
90) Hexachloroethane	12.58	117	225758	50.718	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	603977	52.530	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	94834	47.662	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	402063	50.244	ug/l	94
94) Hexachlorobutadiene	13.77	225	178436	53.138	ug/l	99
95) Naphthalene	13.82	128	1220344	50.496	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	382130	49.967	ug/l	99

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

