

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112320\
 Data File : VX019566.D
 Acq On : 23 Nov 2020 21:42
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 11/24/2020 1:09:32 PM

Quant Time: Nov 24 05:01:57 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112120W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 21 01:57:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.62	168	285586	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	476270	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	416863	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	199836	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	179764	48.55	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	97.10%
35) Dibromofluoromethane	5.46	113	147814	49.44	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	98.88%
50) Toluene-d8	8.70	98	554626	47.74	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.48%
62) 4-Bromofluorobenzene	11.12	95	203817	48.76	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.52%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	135606	48.828	ug/l 100
3) Chloromethane	1.31	50	140268	44.014	ug/l 98
4) Vinyl Chloride	1.39	62	162782	47.450	ug/l 97
5) Bromomethane	1.62	94	56070	43.150	ug/l 100
6) Chloroethane	1.69	64	36949	43.676	ug/l 99
7) Trichlorofluoromethane	1.89	101	242009	48.876	ug/l 100
8) Diethyl Ether	2.17	74	99752	50.303	ug/l 94
9) 1,1,2-Trichlorotrifluoroet	2.36	101	134921	48.842	ug/l 99
10) Methyl Iodide	2.48	142	183428	50.545	ug/l 99
11) Tert butyl alcohol	3.06	59	179724	256.467	ug/l 100
12) 1,1-Dichloroethene	2.34	96	138429	48.824	ug/l 98
13) Acrolein	2.28	56	99155	210.496	ug/l 100
14) Allyl chloride	2.70	41	209116	47.081	ug/l 98
15) Acrylonitrile	3.12	53	409007	247.484	ug/l 99
16) Acetone	2.43	43	322938	225.521	ug/l 99
17) Carbon Disulfide	2.54	76	341469	44.830	ug/l 99
18) Methyl Acetate	2.75	43	172608	49.172	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	518214	52.950	ug/l 98
20) Methylene Chloride	2.83	84	167512	46.803	ug/l 95
21) trans-1,2-Dichloroethene	3.14	96	157489	49.026	ug/l 99
22) Diisopropyl ether	3.83	45	465412	50.652	ug/l 92
23) Vinyl Acetate	3.79	43	1990986	258.329	ug/l 99
24) 1,1-Dichloroethane	3.67	63	280354	49.884	ug/l 99
25) 2-Butanone	4.64	43	515905	239.835	ug/l 98
26) 2,2-Dichloropropane	4.54	77	216640	44.162	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	190347	51.585	ug/l 99
28) Bromochloromethane	4.98	49	118632	44.150	ug/l 96
29) Tetrahydrofuran	5.10	42	334509	243.724	ug/l 98
30) Chloroform	5.17	83	300171	51.078	ug/l 97
31) Cyclohexane	5.54	56	230453	47.851	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	261773	51.856	ug/l 99
36) 1,1-Dichloropropene	5.76	75	216994	48.598	ug/l 100
37) Ethyl Acetate	4.80	43	209313	49.934	ug/l 99
38) Carbon Tetrachloride	5.75	117	220713	51.069	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.43	83	241992	46.547	ug/l	100
40) Benzene	6.11	78	668705	48.744	ug/l	100
41) Methacrylonitrile	5.01	41	111085	48.057	ug/l	98
42) 1,2-Dichloroethane	6.16	62	232516	49.448	ug/l	99
43) Isopropyl Acetate	6.42	43	343910	48.807	ug/l	99
44) Trichloroethene	7.18	130	196953	54.808	ug/l	97
45) 1,2-Dichloropropane	7.49	63	165679	49.056	ug/l	99
46) Dibromomethane	7.63	93	115539	49.984	ug/l	99
47) Bromodichloromethane	7.87	83	226273	50.446	ug/l	96
48) Methyl methacrylate	7.74	41	166583	50.480	ug/l	99
49) 1,4-Dioxane	7.72	88	79260	1057.826	ug/l	97
51) 4-Methyl-2-Pentanone	8.62	43	1018396	247.849	ug/l	99
52) Toluene	8.76	92	413694	49.293	ug/l	99
53) t-1,3-Dichloropropene	9.02	75	244503	50.473	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	268735	49.989	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	169035	49.455	ug/l	98
56) Ethyl methacrylate	9.16	69	255096	52.745	ug/l	99
57) 1,3-Dichloropropane	9.35	76	283514	49.545	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	661599	233.456	ug/l	98
59) 2-Hexanone	9.48	43	775034	248.703	ug/l	99
60) Dibromochloromethane	9.56	129	173462	51.813	ug/l	100
61) 1,2-Dibromoethane	9.65	107	177716	50.442	ug/l	99
64) Tetrachloroethene	9.32	164	150219	45.844	ug/l	96
65) Chlorobenzene	10.12	112	421902	49.226	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.20	131	162923	52.260	ug/l	98
67) Ethyl Benzene	10.23	91	773098	51.489	ug/l	100
68) m/p-Xylenes	10.34	106	576133	102.993	ug/l	99
69) o-Xylene	10.68	106	282658	52.859	ug/l	98
70) Styrene	10.70	104	476985	48.248	ug/l	100
71) Bromoform	10.84	173	123502	46.998	ug/l	98
73) Isopropylbenzene	11.00	105	732890	53.015	ug/l	99
74) N-amyl acetate	10.88	43	291412	56.255	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	262119	53.021	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	229085m	52.529	ug/l	
77) Bromobenzene	11.24	156	186887	52.956	ug/l	98
78) n-propylbenzene	11.34	91	823343	51.916	ug/l	100
79) 2-Chlorotoluene	11.40	91	504686	52.473	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	617021	53.206	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.06	75	80171	49.681	ug/l	100
82) 4-Chlorotoluene	11.49	91	589000	52.021	ug/l	100
83) tert-Butylbenzene	11.76	119	614425	54.765	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	636957	54.284	ug/l	99
85) sec-Butylbenzene	11.93	105	680436	50.979	ug/l	100
86) p-Isopropyltoluene	12.05	119	628002	51.823	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	338383	52.210	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	328074	49.142	ug/l	97
89) n-Butylbenzene	12.37	91	531292	48.495	ug/l	98
90) Hexachloroethane	12.58	117	109217	53.860	ug/l	99
91) 1,2-Dichlorobenzene	12.37	146	335911	51.603	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	56584	56.104	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	213787	51.155	ug/l	98
94) Hexachlorobutadiene	13.76	225	84930	44.611	ug/l	97
95) Naphthalene	13.82	128	752205	50.987	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	211008	50.477	ug/l	98

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

