

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX112420\
 Data File : VX019618.D
 Acq On : 24 Nov 2020 20:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 11/25/2020 10:31:25 AM

Quant Time: Nov 25 06:02:44 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	5.63	168	271154	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.82	114	460604	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	408228	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	198488	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	177790	50.57	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	101.14%
35) Dibromofluoromethane	5.46	113	144867	50.11	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	100.22%
50) Toluene-d8	8.70	98	543446	48.37	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.74%
62) 4-Bromofluorobenzene	11.12	95	200189	49.52	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	99.04%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.18	85	129675	49.178	ug/l 98
3) Chloromethane	1.31	50	140866	46.554	ug/l 99
4) Vinyl Chloride	1.39	62	162356	49.845	ug/l 99
5) Bromomethane	1.62	94	57244	46.399	ug/l 97
6) Chloroethane	1.70	64	58022	75.260	ug/l 98
7) Trichlorofluoromethane	1.90	101	228239	48.549	ug/l 99
8) Diethyl Ether	2.17	74	96874	51.452	ug/l 97
9) 1,1,2-Trichlorotrifluoroet	2.36	101	130419	49.725	ug/l 99
10) Methyl Iodide	2.48	142	184036	53.412	ug/l 99
11) Tert butyl alcohol	3.04	59	171305	257.464	ug/l 100
12) 1,1-Dichloroethene	2.35	96	132640	49.272	ug/l 99
13) Acrolein	2.28	56	98878	221.081	ug/l 100
14) Allyl chloride	2.70	41	206163	48.886	ug/l 100
15) Acrylonitrile	3.12	53	400159	255.018	ug/l 100
16) Acetone	2.42	43	317153	233.269	ug/l 100
17) Carbon Disulfide	2.54	76	328407	45.410	ug/l 100
18) Methyl Acetate	2.75	43	171532	51.437	ug/l 100
19) Methyl tert-butyl Ether	3.17	73	496071	53.386	ug/l 100
20) Methylene Chloride	2.83	84	164353	48.365	ug/l 99
21) trans-1,2-Dichloroethene	3.14	96	150963	49.496	ug/l 97
22) Diisopropyl ether	3.82	45	462355	52.997	ug/l 98
23) Vinyl Acetate	3.78	43	1961324	268.025	ug/l 100
24) 1,1-Dichloroethane	3.67	63	276333	51.785	ug/l 100
25) 2-Butanone	4.64	43	504681	247.104	ug/l 100
26) 2,2-Dichloropropane	4.55	77	202978	43.579	ug/l 99
27) cis-1,2-Dichloroethene	4.56	96	180389	51.488	ug/l 100
28) Bromochloromethane	4.98	49	119144	46.701	ug/l 100
29) Tetrahydrofuran	5.09	42	325351	249.668	ug/l 99
30) Chloroform	5.17	83	286823	51.404	ug/l 94
31) Cyclohexane	5.54	56	230666	50.445	ug/l 97
32) 1,1,1-Trichloroethane	5.46	97	246262	51.380	ug/l 99
36) 1,1-Dichloropropene	5.76	75	209845	48.596	ug/l 99
37) Ethyl Acetate	4.79	43	201949	49.816	ug/l 100
38) Carbon Tetrachloride	5.75	117	206543	49.416	ug/l 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	237517	47.240	ug/l	99
40) Benzene	6.11	78	652862	49.207	ug/l	99
41) Methacrylonitrile	5.00	41	108912	48.719	ug/l	96
42) 1,2-Dichloroethane	6.16	62	226018	49.701	ug/l	100
43) Isopropyl Acetate	6.41	43	337205	49.483	ug/l	99
44) Trichloroethene	7.18	130	169204	48.688	ug/l	94
45) 1,2-Dichloropropane	7.49	63	165442	50.652	ug/l	99
46) Dibromomethane	7.63	93	110762	49.547	ug/l	99
47) Bromodichloromethane	7.87	83	220871	50.917	ug/l	97
48) Methyl methacrylate	7.74	41	164364	51.501	ug/l	99
49) 1,4-Dioxane	7.72	88	72416	999.356	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	1001796	252.102	ug/l	99
52) Toluene	8.76	92	409001	50.392	ug/l	98
53) t-1,3-Dichloropropene	9.02	75	236804	50.547	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	263236	50.632	ug/l	99
55) 1,1,2-Trichloroethane	9.20	97	164483	49.760	ug/l	97
56) Ethyl methacrylate	9.16	69	247017	52.811	ug/l	99
57) 1,3-Dichloropropane	9.35	76	277330	50.112	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	654003	238.625	ug/l	99
59) 2-Hexanone	9.48	43	746318	247.633	ug/l	99
60) Dibromochloromethane	9.56	129	165932	51.249	ug/l	99
61) 1,2-Dibromoethane	9.65	107	170993	50.185	ug/l	99
64) Tetrachloroethene	9.32	164	140328	43.731	ug/l	96
65) Chlorobenzene	10.12	112	424791	50.611	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.20	131	157847	51.703	ug/l	99
67) Ethyl Benzene	10.23	91	762884	51.884	ug/l	100
68) m/p-Xylenes	10.34	106	566418	103.398	ug/l	99
69) o-Xylene	10.68	106	275472	52.605	ug/l	100
70) Styrene	10.70	104	467443	48.282	ug/l	99
71) Bromoform	10.84	173	114343	44.630	ug/l #	99
73) Isopropylbenzene	11.00	105	725594	52.844	ug/l	99
74) N-amyl acetate	10.88	43	286999	55.780	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.25	83	248474	50.602	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	224209m	51.760	ug/l	
77) Bromobenzene	11.24	156	182388	52.032	ug/l	99
78) n-propylbenzene	11.34	91	817349	51.888	ug/l	100
79) 2-Chlorotoluene	11.40	91	497443	52.072	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	599600	52.055	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	73683	46.287	ug/l	99
82) 4-Chlorotoluene	11.49	91	580591	51.627	ug/l	99
83) tert-Butylbenzene	11.76	119	600301	53.869	ug/l	98
84) 1,2,4-Trimethylbenzene	11.79	105	620910	53.276	ug/l	100
85) sec-Butylbenzene	11.93	105	677834	51.129	ug/l	100
86) p-Isopropyltoluene	12.05	119	613840	50.998	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	318861	49.532	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	322290	48.604	ug/l	99
89) n-Butylbenzene	12.37	91	533382	49.017	ug/l	99
90) Hexachloroethane	12.58	117	102678	50.979	ug/l	98
91) 1,2-Dichlorobenzene	12.37	146	325671	50.370	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.98	75	51786	51.695	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	208937	50.334	ug/l	97
94) Hexachlorobutadiene	13.76	225	81870	43.296	ug/l	99
95) Naphthalene	13.82	128	715324	48.909	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	208663	50.255	ug/l	100

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

