

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050120\
 Data File : VX016025.D
 Acq On : 01 May 2020 20:26
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 5/4/2020 2:20:08 PM

Quant Time: May 02 08:13:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042820W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 28 17:30:11 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.64	168	281169	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	465825	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	437508	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	222347	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	178943	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.47	113	138033	47.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.00%	
50) Toluene-d8	8.70	98	523603	48.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.38%	
62) 4-Bromofluorobenzene	11.12	95	205414	48.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.40%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	130543	51.884	ug/l	97
3) Chloromethane	1.31	50	156202	51.226	ug/l	99
4) Vinyl Chloride	1.39	62	183137	52.885	ug/l	99
5) Bromomethane	1.62	94	92911	39.965	ug/l	99
6) Chloroethane	1.70	64	113450	49.252	ug/l	98
7) Trichlorofluoromethane	1.91	101	239326	45.723	ug/l	99
8) Diethyl Ether	2.17	74	104676	47.903	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.36	101	136965	52.496	ug/l	98
10) Methyl Iodide	2.49	142	189950	52.190	ug/l	98
11) Tert butyl alcohol	3.02	59	238353	267.103	ug/l	100
12) 1,1-Dichloroethene	2.36	96	141131	52.462	ug/l	100
13) Acrolein	2.27	56	77771	346.790	ug/l	98
14) Allyl chloride	2.71	41	261714	53.953	ug/l	96
15) Acrylonitrile	3.12	53	494853	279.676	ug/l	100
16) Acetone	2.42	43	424763	270.205	ug/l	99
17) Carbon Disulfide	2.55	76	403368	51.404	ug/l	100
18) Methyl Acetate	2.75	43	245995	55.145	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	524267	53.883	ug/l	99
20) Methylene Chloride	2.84	84	162076	52.082	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	152906	50.434	ug/l	98
22) Diisopropyl ether	3.82	45	520506	54.579	ug/l	99
23) Vinyl Acetate	3.79	43	2256579	272.392	ug/l	100
24) 1,1-Dichloroethane	3.67	63	288531	54.311	ug/l	99
25) 2-Butanone	4.64	43	696674	273.484	ug/l	99
26) 2,2-Dichloropropane	4.55	77	230792	47.513	ug/l	99
27) cis-1,2-Dichloroethene	4.57	96	178137	51.777	ug/l	100
28) Bromochloromethane	4.98	49	135816	52.830	ug/l	97
29) Tetrahydrofuran	5.09	42	455575	272.888	ug/l	99
30) Chloroform	5.18	83	286517	51.865	ug/l	99
31) Cyclohexane	5.55	56	255642	54.053	ug/l	98
32) 1,1,1-Trichloroethane	5.46	97	261049	51.324	ug/l	99
36) 1,1-Dichloropropene	5.77	75	215574	48.589	ug/l	99
37) Ethyl Acetate	4.80	43	266606	52.405	ug/l	99
38) Carbon Tetrachloride	5.76	117	229200	48.909	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	256503	49.981	ug/l	98
40) Benzene	6.12	78	643735	50.851	ug/l	100
41) Methacrylonitrile	5.01	41	140953	51.761	ug/l	99
42) 1,2-Dichloroethane	6.17	62	237933	48.508	ug/l	100
43) Isopropyl Acetate	6.42	43	424932	50.440	ug/l	99
44) Trichloroethene	7.19	130	212140	46.492	ug/l	98
45) 1,2-Dichloropropane	7.49	63	168289	51.438	ug/l	99
46) Dibromomethane	7.64	93	113352	48.759	ug/l	100
47) Bromodichloromethane	7.88	83	235874	51.058	ug/l	99
48) Methyl methacrylate	7.75	41	202252	51.998	ug/l	97
49) 1,4-Dioxane	7.71	88	92429	1010.115	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	1338284	261.893	ug/l	98
52) Toluene	8.77	92	407768	50.745	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	270803	49.403	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	279222	49.528	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	165855	51.648	ug/l	99
56) Ethyl methacrylate	9.16	69	275377	52.738	ug/l	95
57) 1,3-Dichloropropane	9.35	76	284099	51.491	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	696609	258.163	ug/l	99
59) 2-Hexanone	9.48	43	1050886	263.147	ug/l	98
60) Dibromochloromethane	9.57	129	183828	51.145	ug/l	99
61) 1,2-Dibromoethane	9.65	107	178341	51.214	ug/l	100
64) Tetrachloroethene	9.32	164	241036	46.441	ug/l	98
65) Chlorobenzene	10.12	112	436692	49.006	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	166584	49.462	ug/l	99
67) Ethyl Benzene	10.24	91	785447	49.495	ug/l	100
68) m/p-Xylenes	10.34	106	593226	98.517	ug/l	99
69) o-Xylene	10.68	106	286119	50.046	ug/l	98
70) Styrene	10.70	104	501406	51.113	ug/l	99
71) Bromoform	10.84	173	139439	45.713	ug/l	98
73) Isopropylbenzene	11.01	105	776953	51.366	ug/l	99
74) N-amyl acetate	10.88	43	371252	50.891	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.26	83	171171	48.844	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	244677m	52.443	ug/l	
77) Bromobenzene	11.24	156	195305	50.162	ug/l	97
78) n-propylbenzene	11.35	91	894867	51.429	ug/l	99
79) 2-Chlorotoluene	11.41	91	530246	51.146	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	654963	51.404	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	100761	51.036	ug/l	96
82) 4-Chlorotoluene	11.49	91	627862	50.636	ug/l	100
83) tert-Butylbenzene	11.76	119	568575	51.753	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	660200	51.484	ug/l	100
85) sec-Butylbenzene	11.93	105	761065	51.417	ug/l	99
86) p-Isopropyltoluene	12.05	119	699228	50.433	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	341799	48.140	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	343741	47.903	ug/l	99
89) n-Butylbenzene	12.37	91	626896	50.042	ug/l	99
90) Hexachloroethane	12.58	117	124491	50.820	ug/l	99
91) 1,2-Dichlorobenzene	12.38	146	338377	49.839	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63507	50.855	ug/l	97

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QLast Update : Tue Apr 28 17:30:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	238350	46.772	ug/l	97
94) Hexachlorobutadiene	13.77	225	109222	47.971	ug/l	95
95) Naphthalene	13.82	128	828750	51.563	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	239172	48.742	ug/l	99

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

