

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX050720\
 Data File : VX016083.D
 Acq On : 07 May 2020 09:55
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 5/8/2020 11:53:55 AM

Quant Time: May 08 03:41:54 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X050420W.M
 Quant Title : SW846 8260
 QLast Update : Wed May 06 06:43:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	339728	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	524565	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	481169	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	248676	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	196379	43.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.86%	
35) Dibromofluoromethane	5.46	113	153354	46.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.28%	
50) Toluene-d8	8.70	98	593643	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	
62) 4-Bromofluorobenzene	11.12	95	228142	46.84	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.68%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	171675	47.742	ug/l	99
3) Chloromethane	1.31	50	190218	45.549	ug/l	100
4) Vinyl Chloride	1.39	62	202706	45.496	ug/l	99
5) Bromomethane	1.62	94	98778	43.976	ug/l	96
6) Chloroethane	1.71	64	124928	46.083	ug/l	99
7) Trichlorofluoromethane	1.92	101	267716	45.769	ug/l	99
8) Diethyl Ether	2.17	74	106760	43.318	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	153882	45.599	ug/l	99
10) Methyl Iodide	2.49	142	201920	44.544	ug/l	99
11) Tert butyl alcohol	3.01	59	235478	208.301	ug/l	100
12) 1,1-Dichloroethene	2.36	96	155205	43.949	ug/l	92
13) Acrolein	2.27	56	134714	190.433	ug/l	100
14) Allyl chloride	2.70	41	297452	45.937	ug/l	98
15) Acrylonitrile	3.11	53	516864	220.396	ug/l	99
16) Acetone	2.42	43	416231	208.670	ug/l	96
17) Carbon Disulfide	2.55	76	484088	45.628	ug/l	100
18) Methyl Acetate	2.75	43	219732	44.803	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	571538	46.947	ug/l	99
20) Methylene Chloride	2.83	84	181558	44.153	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	177851	45.192	ug/l	98
22) Diisopropyl ether	3.82	45	571017	46.744	ug/l	91
23) Vinyl Acetate	3.78	43	2514551	233.970	ug/l	100
24) 1,1-Dichloroethane	3.67	63	319301	46.726	ug/l	99
25) 2-Butanone	4.63	43	686165	213.476	ug/l	99
26) 2,2-Dichloropropane	4.55	77	292410	46.855	ug/l	99
27) cis-1,2-Dichloroethene	4.56	96	197876	45.992	ug/l	99
28) Bromochloromethane	4.98	49	144820	46.477	ug/l	100
29) Tetrahydrofuran	5.08	42	463961	217.846	ug/l	100
30) Chloroform	5.18	83	316983	46.588	ug/l	99
31) Cyclohexane	5.54	56	295023	47.505	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	288573	46.660	ug/l	100
36) 1,1-Dichloropropene	5.76	75	245700	47.583	ug/l	99
37) Ethyl Acetate	4.79	43	272662	45.559	ug/l	99
38) Carbon Tetrachloride	5.75	117	256641	48.899	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	305887	49.191	ug/l	97
40) Benzene	6.11	78	721747	47.771	ug/l	100
41) Methacrylonitrile	5.00	41	147675	45.691	ug/l	99
42) 1,2-Dichloroethane	6.16	62	253637	46.603	ug/l	100
43) Isopropyl Acetate	6.41	43	445660	46.671	ug/l	100
44) Trichloroethene	7.19	130	265197	49.408	ug/l	99
45) 1,2-Dichloropropane	7.49	63	186199	48.706	ug/l	99
46) Dibromomethane	7.63	93	122631	47.203	ug/l	99
47) Bromodichloromethane	7.87	83	258282	48.814	ug/l	100
48) Methyl methacrylate	7.74	41	210389	46.498	ug/l	98
49) 1,4-Dioxane	7.71	88	96383	888.176	ug/l	100
51) 4-Methyl-2-Pentanone	8.62	43	1363414	233.327	ug/l	100
52) Toluene	8.76	92	456130	48.435	ug/l	100
53) t-1,3-Dichloropropene	9.02	75	303783	48.153	ug/l	99
54) cis-1,3-Dichloropropene	8.42	75	320316	48.610	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	177243	47.837	ug/l	99
56) Ethyl methacrylate	9.16	69	296512	49.027	ug/l	98
57) 1,3-Dichloropropane	9.35	76	312766	48.378	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	775930	240.989	ug/l	100
59) 2-Hexanone	9.47	43	1070580	233.296	ug/l	99
60) Dibromochloromethane	9.57	129	207265	50.792	ug/l	99
61) 1,2-Dibromoethane	9.65	107	192630	47.998	ug/l	99
64) Tetrachloroethene	9.32	164	295944	50.101	ug/l	98
65) Chlorobenzene	10.12	112	487247	48.361	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.20	131	183406	49.251	ug/l	99
67) Ethyl Benzene	10.23	91	881780	49.052	ug/l	99
68) m/p-Xylenes	10.34	106	672761	99.888	ug/l	99
69) o-Xylene	10.68	106	318687	49.225	ug/l	99
70) Styrene	10.70	104	554291	50.467	ug/l	100
71) Bromoform	10.84	173	156424	51.558	ug/l	100
73) Isopropylbenzene	11.00	105	871379	48.176	ug/l	100
74) N-amyl acetate	10.88	43	385471	45.690	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	135733	39.455	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	263576m	46.708	ug/l	
77) Bromobenzene	11.24	156	215270	46.110	ug/l	99
78) n-propylbenzene	11.34	91	1008347	47.921	ug/l	100
79) 2-Chlorotoluene	11.40	91	588798	47.406	ug/l	100
80) 1,3,5-Trimethylbenzene	11.49	105	739223	48.405	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.05	75	111404	47.046	ug/l #	89
82) 4-Chlorotoluene	11.49	91	697095	47.528	ug/l	100
83) tert-Butylbenzene	11.76	119	632795	48.081	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	747325	48.403	ug/l	99
85) sec-Butylbenzene	11.93	105	855953	48.169	ug/l	99
86) p-Isopropyltoluene	12.05	119	804936	48.789	ug/l	100
87) 1,3-Dichlorobenzene	12.01	146	394794	47.096	ug/l	99
88) 1,4-Dichlorobenzene	12.08	146	394911	46.415	ug/l	100
89) n-Butylbenzene	12.37	91	738397	48.991	ug/l	99
90) Hexachloroethane	12.58	117	139296	49.162	ug/l	98
91) 1,2-Dichlorobenzene	12.38	146	375011	46.460	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.98	75	63476	42.680	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	280055	46.864	ug/l	99
94) Hexachlorobutadiene	13.77	225	137023	53.215	ug/l	97
95) Naphthalene	13.82	128	901526	46.590	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	288325	49.368	ug/l	96

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

