

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031620\
 Data File : VX015282.D
 Acq On : 16 Mar 2020 10:11
 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
 3/17/2020 12:11:23 PM

Quant Time: Mar 17 07:51:17 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X030420W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 04 14:19:10 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	296805	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	440860	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	415073	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	235275	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.04	65	158146	44.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.82%	
35) Dibromofluoromethane	5.48	113	138905	49.94	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	99.88%	
50) Toluene-d8	8.71	98	529606	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
62) 4-Bromofluorobenzene	11.13	95	206555	54.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.48%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	124724	47.989	ug/l	100
3) Chloromethane	1.32	50	162619	44.171	ug/l	100
4) Vinyl Chloride	1.40	62	165778	44.407	ug/l	99
5) Bromomethane	1.63	94	98795	43.046	ug/l	99
6) Chloroethane	1.72	64	104173	46.519	ug/l	99
7) Trichlorofluoromethane	1.92	101	211682	47.655	ug/l	97
8) Diethyl Ether	2.18	74	93182	46.315	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.37	101	139101	49.773	ug/l	99
10) Methyl Iodide	2.50	142	150503	47.666	ug/l	99
11) Tert butyl alcohol	3.03	59	145264	237.776	ug/l	99
12) 1,1-Dichloroethene	2.36	96	135832	47.094	ug/l	98
13) Acrolein	2.28	56	136338	237.470	ug/l	98
14) Allyl chloride	2.72	41	267145	53.119	ug/l	93
15) Acrylonitrile	3.12	53	393660	258.739	ug/l	99
16) Acetone	2.43	43	379949	266.439	ug/l	97
17) Carbon Disulfide	2.56	76	357990	44.693	ug/l	99
18) Methyl Acetate	2.76	43	178042	51.060	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	461233	51.174	ug/l	97
20) Methylene Chloride	2.84	84	159335	47.744	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	148782	48.310	ug/l	98
22) Diisopropyl ether	3.84	45	542697	54.163	ug/l	95
23) Vinyl Acetate	3.80	43	2213433	268.739	ug/l	99
24) 1,1-Dichloroethane	3.69	63	280856	50.504	ug/l	98
25) 2-Butanone	4.65	43	561455	268.935	ug/l	99
26) 2,2-Dichloropropane	4.57	77	224012	50.743	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	171276	49.572	ug/l	98
28) Bromochloromethane	5.00	49	134063	52.942	ug/l	95
29) Tetrahydrofuran	5.11	42	351334	261.069	ug/l	95
30) Chloroform	5.20	83	269659	49.751	ug/l	98
31) Cyclohexane	5.56	56	255035	51.416	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	226333	50.375	ug/l	99
36) 1,1-Dichloropropene	5.78	75	206718	50.721	ug/l	99
37) Ethyl Acetate	4.81	43	210374	55.647	ug/l	100
38) Carbon Tetrachloride	5.77	117	198561	51.614	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	259228	54.472	ug/l	99
40) Benzene	6.13	78	631713	52.244	ug/l	100
41) Methacrylonitrile	5.03	41	122464	53.930	ug/l	97
42) 1,2-Dichloroethane	6.17	62	205382	49.461	ug/l	99
43) Isopropyl Acetate	6.42	43	358161	53.853	ug/l	99
44) Trichloroethene	7.20	130	172209	51.139	ug/l	95
45) 1,2-Dichloropropane	7.50	63	172167	55.009	ug/l	97
46) Dibromomethane	7.65	93	105620	51.791	ug/l	98
47) Bromodichloromethane	7.89	83	213995	53.064	ug/l	98
48) Methyl methacrylate	7.76	41	178134	52.625	ug/l	98
49) 1,4-Dioxane	7.73	88	70086	957.637	ug/l	95
51) 4-Methyl-2-Pentanone	8.63	43	1086293	276.252	ug/l	100
52) Toluene	8.78	92	399217	53.997	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	241927	56.361	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	270119	55.664	ug/l	97
55) 1,1,2-Trichloroethane	9.20	97	162573	53.425	ug/l	97
56) Ethyl methacrylate	9.17	69	254816	58.707	ug/l	96
57) 1,3-Dichloropropane	9.36	76	276021	53.915	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.30	63	686018	290.120	ug/l	100
59) 2-Hexanone	9.48	43	841709	288.798	ug/l	99
60) Dibromochloromethane	9.57	129	177585	55.555	ug/l	99
61) 1,2-Dibromoethane	9.67	107	167473	52.397	ug/l	100
64) Tetrachloroethene	9.33	164	175906	51.257	ug/l	97
65) Chlorobenzene	10.13	112	444758	53.372	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	166006	52.831	ug/l	99
67) Ethyl Benzene	10.25	91	791755	55.952	ug/l	99
68) m/p-Xylenes	10.36	106	602210	111.856	ug/l	100
69) o-Xylene	10.69	106	294107	57.057	ug/l	99
70) Styrene	10.71	104	513628	58.114	ug/l	99
71) Bromoform	10.85	173	138513	56.845	ug/l #	100
73) Isopropylbenzene	11.01	105	799396	53.188	ug/l	100
74) N-amyl acetate	10.89	43	343894	54.294	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	252301	50.371	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	211233m	45.010	ug/l	
77) Bromobenzene	11.25	156	209877	50.107	ug/l	99
78) n-propylbenzene	11.35	91	952492	55.472	ug/l	100
79) 2-Chlorotoluene	11.42	91	554646	54.089	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	680766	54.411	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	87102	52.673	ug/l	95
82) 4-Chlorotoluene	11.50	91	637056	52.585	ug/l	100
83) tert-Butylbenzene	11.76	119	663770	54.867	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	683823	54.405	ug/l	99
85) sec-Butylbenzene	11.94	105	820737	56.199	ug/l	100
86) p-Isopropyltoluene	12.06	119	777033	57.751	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	393258	53.408	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	399947	52.611	ug/l	99
89) n-Butylbenzene	12.38	91	695522	58.120	ug/l	99
90) Hexachloroethane	12.59	117	136252	53.564	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	395430	54.016	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	52756	52.599	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	270356	53.204	ug/l	98
94) Hexachlorobutadiene	13.78	225	139335	53.435	ug/l	98
95) Naphthalene	13.83	128	764939	49.144	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	280799	55.384	ug/l	99

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

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