

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX031320\
 Data File : VX015244.D
 Acq On : 13 Mar 2020 08:53
 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
 3/16/2020 2:07:23 PM

Quant Time: Mar 16 08:35:24 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	305633	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	419975	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	384720	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	210824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	142753	39.37	ug/l	0.00
Spiked Amount 50.000			Recovery	=	78.74%	
35) Dibromofluoromethane	5.48	113	130946	49.42	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.84%	
50) Toluene-d8	8.71	98	469959	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
62) 4-Bromofluorobenzene	11.13	95	173938	48.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.78%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.19	85	122416	45.740	ug/l	98
3) Chloromethane	1.32	50	163336	43.084	ug/l	100
4) Vinyl Chloride	1.40	62	166136	43.218	ug/l	99
5) Bromomethane	1.63	94	101701	43.033	ug/l	100
6) Chloroethane	1.72	64	104252	45.209	ug/l	100
7) Trichlorofluoromethane	1.92	101	214900	46.982	ug/l	97
8) Diethyl Ether	2.18	74	95357	46.027	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	135428	47.059	ug/l	98
10) Methyl Iodide	2.50	142	131718	40.512	ug/l	99
11) Tert butyl alcohol	3.03	59	144698	230.008	ug/l	99
12) 1,1-Dichloroethene	2.37	96	133732	45.027	ug/l	97
13) Acrolein	2.28	56	127929	216.387	ug/l	100
14) Allyl chloride	2.72	41	254170	49.079	ug/l	94
15) Acrylonitrile	3.12	53	379399	242.163	ug/l	100
16) Acetone	2.43	43	365126	248.649	ug/l	97
17) Carbon Disulfide	2.56	76	354586	42.990	ug/l	99
18) Methyl Acetate	2.76	43	170344	47.442	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	448727	48.348	ug/l	100
20) Methylene Chloride	2.84	84	152582	44.400	ug/l	98
21) trans-1,2-Dichloroethene	3.15	96	143523	45.256	ug/l	100
22) Diisopropyl ether	3.84	45	517712	50.177	ug/l	99
23) Vinyl Acetate	3.80	43	2123589	250.384	ug/l	99
24) 1,1-Dichloroethane	3.69	63	264953	46.268	ug/l	99
25) 2-Butanone	4.65	43	559091	260.068	ug/l	98
26) 2,2-Dichloropropane	4.56	77	213574	46.981	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	166086	46.682	ug/l	98
28) Bromochloromethane	5.00	49	131234	50.327	ug/l	96
29) Tetrahydrofuran	5.11	42	333636	240.757	ug/l	97
30) Chloroform	5.19	83	258369	46.291	ug/l	100
31) Cyclohexane	5.57	56	248716	48.693	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	219297	47.399	ug/l	99
36) 1,1-Dichloropropene	5.79	75	198731	51.187	ug/l	99
37) Ethyl Acetate	4.81	43	205194	56.976	ug/l	98
38) Carbon Tetrachloride	5.77	117	189620	51.741	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	232139	51.205	ug/l	99
40) Benzene	6.13	78	573798	49.814	ug/l	99
41) Methacrylonitrile	5.02	41	116751	53.971	ug/l	98
42) 1,2-Dichloroethane	6.18	62	189711	47.959	ug/l	99
43) Isopropyl Acetate	6.43	43	325196	51.328	ug/l	100
44) Trichloroethene	7.20	130	159530	49.730	ug/l	96
45) 1,2-Dichloropropane	7.50	63	152708	51.218	ug/l	98
46) Dibromomethane	7.65	93	93737	48.250	ug/l	97
47) Bromodichloromethane	7.89	83	190057	49.471	ug/l	99
48) Methyl methacrylate	7.76	41	162258	50.319	ug/l	96
49) 1,4-Dioxane	7.73	88	64760	928.868	ug/l	96
51) 4-Methyl-2-Pentanone	8.63	43	963370	257.175	ug/l	100
52) Toluene	8.78	92	359601	51.058	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	214169	52.375	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	239495	51.808	ug/l	96
55) 1,1,2-Trichloroethane	9.21	97	143712	49.575	ug/l	97
56) Ethyl methacrylate	9.17	69	223360	54.019	ug/l	96
57) 1,3-Dichloropropane	9.36	76	243502	49.929	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	557771	247.614	ug/l	99
59) 2-Hexanone	9.48	43	750817	270.423	ug/l	99
60) Dibromochloromethane	9.57	129	155844	51.178	ug/l	99
61) 1,2-Dibromoethane	9.67	107	147503	48.444	ug/l	100
64) Tetrachloroethene	9.33	164	165163	51.923	ug/l	96
65) Chlorobenzene	10.13	112	387860	50.216	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	146710	50.373	ug/l	99
67) Ethyl Benzene	10.24	91	687570	52.423	ug/l	100
68) m/p-Xylenes	10.35	106	531375	106.486	ug/l	99
69) o-Xylene	10.69	106	250688	52.470	ug/l	100
70) Styrene	10.71	104	444577	54.270	ug/l	99
71) Bromoform	10.85	173	120488	53.349	ug/l	99
73) Isopropylbenzene	11.01	105	679007	50.418	ug/l	100
74) N-amyl acetate	10.89	43	279788	49.296	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.26	83	203228	45.280	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	174506m	41.497	ug/l	
77) Bromobenzene	11.25	156	180912	48.202	ug/l	98
78) n-propylbenzene	11.35	91	792164	51.485	ug/l	100
79) 2-Chlorotoluene	11.42	91	457157	49.753	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	572901	51.101	ug/l	98
81) trans-1,4-Dichloro-2-buten	11.07	75	72448	48.893	ug/l	96
82) 4-Chlorotoluene	11.51	91	537555	49.518	ug/l	100
83) tert-Butylbenzene	11.76	119	548583	50.605	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	582779	51.743	ug/l	100
85) sec-Butylbenzene	11.94	105	691123	52.813	ug/l	100
86) p-Isopropyltoluene	12.06	119	635724	52.728	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	325147	49.279	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	327861	48.130	ug/l	100
89) n-Butylbenzene	12.38	91	566904	52.867	ug/l	99
90) Hexachloroethane	12.59	117	111557	48.942	ug/l	94
91) 1,2-Dichlorobenzene	12.38	146	317571	48.412	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	43355	48.239	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	243808	53.544	ug/l	99
94) Hexachlorobutadiene	13.77	225	126977	54.343	ug/l	99
95) Naphthalene	13.83	128	644512	46.294	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	242102	53.290	ug/l	99

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

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