

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020420\
 Data File : VX014800.D
 Acq On : 04 Feb 2020 10:19
 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
 2/5/2020 12:25:26 PM

Quant Time: Feb 05 03:12:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X012220W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 22 12:35:15 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451374	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	661443	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	598613	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	308502	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	243681	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	5.48	113	200838	48.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.24%	
50) Toluene-d8	8.71	98	753398	46.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.90%	
62) 4-Bromofluorobenzene	11.13	95	271531	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	254687	42.122	ug/l	100
3) Chloromethane	1.32	50	252731	41.389	ug/l	99
4) Vinyl Chloride	1.41	62	291939	44.218	ug/l	98
5) Bromomethane	1.63	94	185648	41.397	ug/l	99
6) Chloroethane	1.72	64	167126	44.080	ug/l	100
7) Trichlorofluoromethane	1.92	101	339388	44.147	ug/l	97
8) Diethyl Ether	2.18	74	144745	43.136	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	205358	45.504	ug/l	99
10) Methyl Iodide	2.50	142	276113	46.627	ug/l	99
11) Tert butyl alcohol	3.03	59	213983	180.822	ug/l	100
12) 1,1-Dichloroethene	2.37	96	192829	42.974	ug/l	99
13) Acrolein	2.28	56	194548	208.502	ug/l	99
14) Allyl chloride	2.72	41	357376	44.311	ug/l	98
15) Acrylonitrile	3.13	53	579641	211.695	ug/l	100
16) Acetone	2.43	43	589101	203.950	ug/l	100
17) Carbon Disulfide	2.56	76	492666	40.173	ug/l	100
18) Methyl Acetate	2.76	43	356832	43.273	ug/l	98
19) Methyl tert-butyl Ether	3.18	73	676195	46.009	ug/l	99
20) Methylene Chloride	2.85	84	228158	42.682	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	211816	42.873	ug/l	98
22) Diisopropyl ether	3.84	45	743247	46.319	ug/l	93
23) Vinyl Acetate	3.80	43	2856863	233.560	ug/l	100
24) 1,1-Dichloroethane	3.69	63	394650	45.288	ug/l	99
25) 2-Butanone	4.65	43	865590	209.130	ug/l	99
26) 2,2-Dichloropropane	4.57	77	327748	46.989	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	243749	44.082	ug/l	100
28) Bromochloromethane	5.00	49	160461	41.903	ug/l	97
29) Tetrahydrofuran	5.11	42	507969	206.780	ug/l	99
30) Chloroform	5.20	83	390897	45.282	ug/l	99
31) Cyclohexane	5.57	56	349702	42.666	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	332267	45.536	ug/l	99
36) 1,1-Dichloropropene	5.79	75	295037	48.004	ug/l	100
37) Ethyl Acetate	4.81	43	311175	44.205	ug/l	99
38) Carbon Tetrachloride	5.78	117	284573	48.481	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	358631	46.577	ug/l	97
40) Benzene	6.13	78	889329	46.831	ug/l	99
41) Methacrylonitrile	5.02	41	176225	43.849	ug/l	98
42) 1,2-Dichloroethane	6.18	62	315042	48.041	ug/l	100
43) Isopropyl Acetate	6.43	43	522668	45.342	ug/l	99
44) Trichloroethene	7.20	130	245827	45.829	ug/l	96
45) 1,2-Dichloropropane	7.50	63	235703	48.178	ug/l	98
46) Dibromomethane	7.65	93	150831	47.603	ug/l	99
47) Bromodichloromethane	7.89	83	310314	49.934	ug/l	96
48) Methyl methacrylate	7.76	41	260707	47.335	ug/l	97
49) 1,4-Dioxane	7.73	88	90899	778.580	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1624504	223.286	ug/l	100
52) Toluene	8.78	92	565499	48.443	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	338350	50.563	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	373259	50.705	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	234153	48.993	ug/l	99
56) Ethyl methacrylate	9.17	69	356401	44.201	ug/l	99
57) 1,3-Dichloropropane	9.36	76	390328	47.775	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	602205	250.545	ug/l	100
59) 2-Hexanone	9.48	43	1297375	229.801	ug/l	99
60) Dibromochloromethane	9.57	129	250088	50.132	ug/l	99
61) 1,2-Dibromoethane	9.67	107	237953	47.090	ug/l	100
64) Tetrachloroethene	9.33	164	261858	44.192	ug/l	98
65) Chlorobenzene	10.13	112	611176	47.733	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	230501	48.826	ug/l	99
67) Ethyl Benzene	10.25	91	1084773	49.618	ug/l	100
68) m/p-Xylenes	10.36	106	830396	100.258	ug/l	99
69) o-Xylene	10.69	106	399369	49.946	ug/l	99
70) Styrene	10.71	104	697849	52.028	ug/l	99
71) Bromoform	10.85	173	193031	51.417	ug/l #	97
73) Isopropylbenzene	11.01	105	1070842	49.366	ug/l	99
74) N-amyl acetate	10.89	43	452784	47.633	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.26	83	340206	43.926	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	291061m	40.552	ug/l	
77) Bromobenzene	11.25	156	279369	47.940	ug/l	97
78) n-propylbenzene	11.35	91	1228427	49.891	ug/l	99
79) 2-Chlorotoluene	11.42	91	725426	48.693	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	899437	49.959	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	118069	46.813	ug/l	99
82) 4-Chlorotoluene	11.50	91	843865	49.754	ug/l	100
83) tert-Butylbenzene	11.76	119	855530	50.571	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	907827	50.272	ug/l	99
85) sec-Butylbenzene	11.94	105	1053424	50.829	ug/l	100
86) p-Isopropyltoluene	12.06	119	973146	50.809	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	500003	47.743	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	498970	47.563	ug/l	100
89) n-Butylbenzene	12.38	91	842919	50.531	ug/l	99
90) Hexachloroethane	12.59	117	175907	49.446	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	498319	47.907	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71825	43.164	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	340931	50.839	ug/l	98
94) Hexachlorobutadiene	13.78	225	168878	48.928	ug/l	97
95) Naphthalene	13.83	128	1003143	46.454	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	339846	50.118	ug/l	98

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

