

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX022020\
 Data File : VX014968.D
 Acq On : 20 Feb 2020 09:57
 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
 2/21/2020 9:15:20 AM

Quant Time: Feb 21 00:40:08 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X021020W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 10 12:09:20 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	451426	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	659243	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	614521	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	326119	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	237316	46.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.16%	
35) Dibromofluoromethane	5.48	113	196468	48.48	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	96.96%	
50) Toluene-d8	8.71	98	744328	48.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.22%	
62) 4-Bromofluorobenzene	11.13	95	272104	48.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	208995	48.887	ug/l	100
3) Chloromethane	1.32	50	230272	47.510	ug/l	100
4) Vinyl Chloride	1.41	62	243112	46.562	ug/l	98
5) Bromomethane	1.63	94	159011	47.049	ug/l	99
6) Chloroethane	1.72	64	156573	46.866	ug/l	100
7) Trichlorofluoromethane	1.92	101	350043	47.984	ug/l	98
8) Diethyl Ether	2.18	74	143360	47.390	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	204412	48.274	ug/l	98
10) Methyl Iodide	2.50	142	231760	49.174	ug/l	99
11) Tert butyl alcohol	3.02	59	205274	228.199	ug/l	99
12) 1,1-Dichloroethene	2.37	96	197791	47.801	ug/l	98
13) Acrolein	2.28	56	145687	212.497	ug/l	98
14) Allyl chloride	2.72	41	343258	46.790	ug/l	100
15) Acrylonitrile	3.12	53	544344	238.705	ug/l	99
16) Acetone	2.43	43	732161	268.333	ug/l	100
17) Carbon Disulfide	2.56	76	510650	44.170	ug/l	100
18) Methyl Acetate	2.76	43	254346	49.569	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	658841	48.925	ug/l	98
20) Methylene Chloride	2.85	84	222847	45.470	ug/l	98
21) trans-1,2-Dichloroethene	3.16	96	209516	45.889	ug/l	100
22) Diisopropyl ether	3.84	45	708469	50.564	ug/l	96
23) Vinyl Acetate	3.80	43	2979486	257.958	ug/l	99
24) 1,1-Dichloroethane	3.69	63	384736	48.653	ug/l	99
25) 2-Butanone	4.65	43	885413	255.275	ug/l	99
26) 2,2-Dichloropropane	4.57	77	325982	47.834	ug/l	99
27) cis-1,2-Dichloroethene	4.58	96	245854	48.172	ug/l	98
28) Bromochloromethane	5.00	49	157183	51.282	ug/l	99
29) Tetrahydrofuran	5.11	42	476416	241.627	ug/l	99
30) Chloroform	5.20	83	383654	48.900	ug/l	100
31) Cyclohexane	5.57	56	341943	47.476	ug/l	98
32) 1,1,1-Trichloroethane	5.48	97	332871	48.502	ug/l	100
36) 1,1-Dichloropropene	5.79	75	289214	49.043	ug/l	99
37) Ethyl Acetate	4.81	43	299702	48.727	ug/l	99
38) Carbon Tetrachloride	5.77	117	288147	50.139	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	362848	49.198	ug/l	98
40) Benzene	6.13	78	865072	49.097	ug/l	99
41) Methacrylonitrile	5.02	41	169440	51.137	ug/l	99
42) 1,2-Dichloroethane	6.18	62	313931	49.297	ug/l	99
43) Isopropyl Acetate	6.43	43	504036	49.677	ug/l	99
44) Trichloroethene	7.20	130	247921	48.470	ug/l	100
45) 1,2-Dichloropropane	7.50	63	224223	49.899	ug/l	99
46) Dibromomethane	7.65	93	149752	48.754	ug/l	99
47) Bromodichloromethane	7.89	83	306303	50.294	ug/l	97
48) Methyl methacrylate	7.76	41	253073	50.683	ug/l	100
49) 1,4-Dioxane	7.73	88	93974	1006.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.63	43	1535361	250.609	ug/l	99
52) Toluene	8.78	92	553800	49.487	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	335640	50.286	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	370813	50.290	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	229080	50.596	ug/l	98
56) Ethyl methacrylate	9.17	69	347579	51.074	ug/l	100
57) 1,3-Dichloropropane	9.36	76	377322	49.508	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	924548	259.770	ug/l	99
59) 2-Hexanone	9.48	43	1261827	262.033	ug/l	100
60) Dibromochloromethane	9.57	129	253217	51.969	ug/l	99
61) 1,2-Dibromoethane	9.67	107	238060	48.731	ug/l	100
64) Tetrachloroethene	9.33	164	256142	44.581	ug/l	99
65) Chlorobenzene	10.13	112	607098	48.708	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	229294	50.672	ug/l	100
67) Ethyl Benzene	10.25	91	1076165	50.768	ug/l	99
68) m/p-Xylenes	10.36	106	825719	101.116	ug/l	98
69) o-Xylene	10.69	106	394825	50.298	ug/l	100
70) Styrene	10.70	104	686540	51.698	ug/l	100
71) Bromoform	10.85	173	191531	50.709	ug/l	99
73) Isopropylbenzene	11.01	105	1068281	52.235	ug/l	99
74) N-amyl acetate	10.89	43	445820	52.464	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	332656	49.759	ug/l	98
76) 1,2,3-Trichloropropane	11.29	75	285689m	48.444	ug/l	
77) Bromobenzene	11.25	156	278123	48.724	ug/l	100
78) n-propylbenzene	11.35	91	1228575	51.940	ug/l	100
79) 2-Chlorotoluene	11.42	91	715414	51.447	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	897951	52.548	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	113801	49.395	ug/l	97
82) 4-Chlorotoluene	11.50	91	832406	50.548	ug/l	100
83) tert-Butylbenzene	11.76	119	864568	53.428	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	905159	52.561	ug/l	100
85) sec-Butylbenzene	11.94	105	1059759	52.718	ug/l	99
86) p-Isopropyltoluene	12.06	119	984960	52.359	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	507486	49.558	ug/l	100
88) 1,4-Dichlorobenzene	12.09	146	508783	48.653	ug/l	99
89) n-Butylbenzene	12.38	91	869127	51.587	ug/l	100
90) Hexachloroethane	12.59	117	175913	53.548	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	502207	50.009	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.99	75	71899	45.842	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	363443	49.032	ug/l	99
94) Hexachlorobutadiene	13.78	225	181759	50.697	ug/l	98
95) Naphthalene	13.83	128	1031953	52.362	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	361079	50.421	ug/l	99

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

