

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX013020\
 Data File : VX014768.D
 Acq On : 30 Jan 2020 10:17
 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
 1/31/2020 10:52:05 AM

Quant Time: Jan 31 04:29:58 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	427639	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	622867	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	567528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	299060	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.05	65	241663	48.39	ug/l	0.00
Spiked Amount			Recovery	=	96.78%	
35) Dibromofluoromethane	5.48	113	199159	50.67	ug/l	0.00
Spiked Amount			Recovery	=	101.34%	
50) Toluene-d8	8.71	98	759546	50.27	ug/l	0.00
Spiked Amount			Recovery	=	100.54%	
62) 4-Bromofluorobenzene	11.13	95	273053	50.73	ug/l	0.00
Spiked Amount			Recovery	=	101.46%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	268044	46.732	ug/l	100
3) Chloromethane	1.32	50	262242	45.330	ug/l	100
4) Vinyl Chloride	1.40	62	303230	48.477	ug/l	100
5) Bromomethane	1.63	94	186672	43.936	ug/l	100
6) Chloroethane	1.72	64	172017	48.011	ug/l	100
7) Trichlorofluoromethane	1.92	101	345919	47.494	ug/l	100
8) Diethyl Ether	2.18	74	148556	46.729	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	209106	48.906	ug/l	99
10) Methyl Iodide	2.50	142	278440	49.630	ug/l	100
11) Tert butyl alcohol	3.03	59	212414	189.458	ug/l	100
12) 1,1-Dichloroethene	2.36	96	198194	46.622	ug/l	96
13) Acrolein	2.28	56	230440	260.675	ug/l	100
14) Allyl chloride	2.72	41	356629	46.672	ug/l	98
15) Acrylonitrile	3.13	53	583805	225.050	ug/l	100
16) Acetone	2.43	43	655147	239.378	ug/l	99
17) Carbon Disulfide	2.56	76	516928	44.491	ug/l	100
18) Methyl Acetate	2.76	43	354795	45.414	ug/l	99
19) Methyl tert-butyl Ether	3.18	73	678810	48.751	ug/l	100
20) Methylene Chloride	2.84	84	230828	45.578	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	215297	45.996	ug/l	98
22) Diisopropyl ether	3.84	45	750112	49.342	ug/l	96
23) Vinyl Acetate	3.80	43	2873634	247.970	ug/l	99
24) 1,1-Dichloroethane	3.69	63	397503	48.147	ug/l	99
25) 2-Butanone	4.65	43	895749	228.428	ug/l	98
26) 2,2-Dichloropropane	4.57	77	323508	48.955	ug/l	100
27) cis-1,2-Dichloroethene	4.58	96	249129	47.556	ug/l	100
28) Bromochloromethane	5.00	49	161895	44.624	ug/l	97
29) Tetrahydrofuran	5.11	42	512611	220.251	ug/l	99
30) Chloroform	5.20	83	395103	48.310	ug/l	98
31) Cyclohexane	5.57	56	361522	46.557	ug/l	99
32) 1,1,1-Trichloroethane	5.48	97	333855	48.293	ug/l	99
36) 1,1-Dichloropropene	5.79	75	294436	50.873	ug/l	98
37) Ethyl Acetate	4.81	43	311648	47.014	ug/l	100
38) Carbon Tetrachloride	5.77	117	287711	52.051	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	372266	51.343	ug/l	96
40) Benzene	6.13	78	902386	50.461	ug/l	99
41) Methacrylonitrile	5.03	41	175085	46.278	ug/l	97
42) 1,2-Dichloroethane	6.18	62	321152	52.006	ug/l	99
43) Isopropyl Acetate	6.43	43	524634	48.331	ug/l	99
44) Trichloroethene	7.20	130	252411	49.970	ug/l	96
45) 1,2-Dichloropropane	7.50	63	239170	51.915	ug/l	96
46) Dibromomethane	7.65	93	153956	51.598	ug/l	98
47) Bromodichloromethane	7.89	83	311322	53.198	ug/l	99
48) Methyl methacrylate	7.76	41	262687	50.649	ug/l	97
49) 1,4-Dioxane	7.73	88	94022	855.206	ug/l	99
51) 4-Methyl-2-Pentanone	8.63	43	1640997	239.522	ug/l	100
52) Toluene	8.78	92	566646	51.548	ug/l	99
53) t-1,3-Dichloropropene	9.03	75	339599	53.893	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	378811	54.646	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231420	51.420	ug/l	99
56) Ethyl methacrylate	9.17	69	361732	47.502	ug/l	99
57) 1,3-Dichloropropane	9.36	76	396338	51.515	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.30	63	607330	268.327	ug/l	100
59) 2-Hexanone	9.48	43	1291800	242.985	ug/l	98
60) Dibromochloromethane	9.57	129	247649	52.717	ug/l	99
61) 1,2-Dibromoethane	9.67	107	241932	50.842	ug/l	100
64) Tetrachloroethene	9.33	164	278412	49.559	ug/l	99
65) Chlorobenzene	10.14	112	614692	50.637	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.21	131	232232	51.887	ug/l	99
67) Ethyl Benzene	10.25	91	1087034	52.444	ug/l	98
68) m/p-Xylenes	10.36	106	849395	108.169	ug/l	98
69) o-Xylene	10.69	106	397618	52.451	ug/l	100
70) Styrene	10.71	104	701174	55.139	ug/l	99
71) Bromoform	10.85	173	190293	53.463	ug/l #	100
73) Isopropylbenzene	11.01	105	1079504	51.337	ug/l	100
74) N-amyl acetate	10.89	43	455606	49.443	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	342415	45.607	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	289631m	41.627	ug/l	
77) Bromobenzene	11.25	156	281889	49.900	ug/l	97
78) n-propylbenzene	11.35	91	1243708	52.106	ug/l	100
79) 2-Chlorotoluene	11.42	91	724591	50.172	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	913104	52.320	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	115745	47.341	ug/l	100
82) 4-Chlorotoluene	11.51	91	849158	51.647	ug/l	99
83) tert-Butylbenzene	11.76	119	851812	51.941	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	916531	52.357	ug/l	99
85) sec-Butylbenzene	11.94	105	1060136	52.768	ug/l	99
86) p-Isopropyltoluene	12.06	119	991006	53.375	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	502110	49.457	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	504743	49.632	ug/l	100
89) n-Butylbenzene	12.38	91	864862	53.483	ug/l	99
90) Hexachloroethane	12.59	117	171841	49.828	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	502068	49.792	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	70786	43.882	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	345016	53.072	ug/l	98
94) Hexachlorobutadiene	13.78	225	175748	52.526	ug/l	98
95) Naphthalene	13.83	128	984796	47.033	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	346813	52.760	ug/l	98

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

