

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX033120\
 Data File : VX015456.D
 Acq On : 31 Mar 2020 16:05
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Apr 01 08:27:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X032720W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 27 09:35:51 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.63	168	1069406	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.84	114	1690742	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.10	117	1554344	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	829383	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.03	65	730108	48.41	ug/l	0.00
Spiked Amount			Recovery	=	96.82%	
35) Dibromofluoromethane	5.47	113	539951	49.96	ug/l	0.00
Spiked Amount			Recovery	=	99.92%	
50) Toluene-d8	8.70	98	1966299	49.42	ug/l	0.00
Spiked Amount			Recovery	=	98.84%	
62) 4-Bromofluorobenzene	11.12	95	813294	50.29	ug/l	0.00
Spiked Amount			Recovery	=	100.58%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.18	85	509110	54.036	ug/l	100
3) Chloromethane	1.31	50	586969	48.921	ug/l	96
4) Vinyl Chloride	1.39	62	564010	51.194	ug/l	99
5) Bromomethane	1.62	94	267534	53.197	ug/l	97
6) Chloroethane	1.70	64	342398	50.110	ug/l	100
7) Trichlorofluoromethane	1.91	101	796221	53.890	ug/l	97
8) Diethyl Ether	2.17	74	298546	47.906	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	519245	53.909	ug/l	99
10) Methyl Iodide	2.49	142	606019	46.666	ug/l	100
11) Tert butyl alcohol	3.01	59	810697	224.560	ug/l	100
12) 1,1-Dichloroethene	2.36	96	529903	52.485	ug/l	97
13) Acrolein	2.27	56	520907	253.297	ug/l	99
14) Allyl chloride	2.71	41	1195612	50.681	ug/l	98
15) Acrylonitrile	3.12	53	1698567	246.712	ug/l	99
16) Acetone	2.42	43	1573316	242.799	ug/l	100
17) Carbon Disulfide	2.55	76	1552786	50.416	ug/l	99
18) Methyl Acetate	2.75	43	811910	49.092	ug/l	99
19) Methyl tert-butyl Ether	3.17	73	1950091	49.801	ug/l	99
20) Methylene Chloride	2.83	84	592166	48.925	ug/l	98
21) trans-1,2-Dichloroethene	3.14	96	561819	50.140	ug/l	95
22) Diisopropyl ether	3.83	45	2150357	51.440	ug/l	96
23) Vinyl Acetate	3.79	43	9646858	254.880	ug/l	100
24) 1,1-Dichloroethane	3.67	63	1107725	50.329	ug/l	100
25) 2-Butanone	4.64	43	2493449	239.270	ug/l	99
26) 2,2-Dichloropropane	4.56	77	996868	55.179	ug/l	97
27) cis-1,2-Dichloroethene	4.57	96	649458	50.099	ug/l	97
28) Bromochloromethane	4.98	49	518715	49.361	ug/l	99
29) Tetrahydrofuran	5.09	42	1595224	238.113	ug/l	99
30) Chloroform	5.18	83	1069019	50.484	ug/l	98
31) Cyclohexane	5.55	56	1017562	53.294	ug/l	94
32) 1,1,1-Trichloroethane	5.47	97	979101	51.091	ug/l	98
36) 1,1-Dichloropropene	5.77	75	818785	52.559	ug/l	99
37) Ethyl Acetate	4.80	43	994179	49.013	ug/l	100
38) Carbon Tetrachloride	5.76	117	865980	51.324	ug/l	98

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39) Methylcyclohexane	7.44	83	964814	53.715	ug/l	99
40) Benzene	6.12	78	2330148	51.063	ug/l	97
41) Methacrylonitrile	5.01	41	574533	51.024	ug/l	99
42) 1,2-Dichloroethane	6.17	62	945824	51.600	ug/l	99
43) Isopropyl Acetate	6.42	43	1710559	49.956	ug/l	100
44) Trichloroethene	7.19	130	629156	50.554	ug/l	99
45) 1,2-Dichloropropane	7.50	63	628245	50.326	ug/l	99
46) Dibromomethane	7.64	93	410009	50.069	ug/l	99
47) Bromodichloromethane	7.88	83	893686	51.218	ug/l	98
48) Methyl methacrylate	7.75	41	850387	49.721	ug/l	100
49) 1,4-Dioxane	7.72	88	314833	986.746	ug/l	99
51) 4-Methyl-2-Pentanone	8.62	43	4840315	249.431	ug/l	100
52) Toluene	8.77	92	1459548	51.878	ug/l	98
53) t-1,3-Dichloropropene	9.03	75	1019877	49.837	ug/l	97
54) cis-1,3-Dichloropropene	8.42	75	1070691	51.362	ug/l	100
55) 1,1,2-Trichloroethane	9.20	97	585758	50.818	ug/l	99
56) Ethyl methacrylate	9.16	69	1031910	50.798	ug/l	99
57) 1,3-Dichloropropane	9.36	76	1035493	49.862	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.29	63	2495603	252.568	ug/l	99
59) 2-Hexanone	9.48	43	3701094	252.623	ug/l	99
60) Dibromochloromethane	9.57	129	696445	50.282	ug/l	99
61) 1,2-Dibromoethane	9.65	107	633380	50.535	ug/l	100
64) Tetrachloroethene	9.32	164	574889	49.009	ug/l	97
65) Chlorobenzene	10.12	112	1556495	50.212	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	628208	50.727	ug/l	99
67) Ethyl Benzene	10.24	91	2826313	51.408	ug/l	98
68) m/p-Xylenes	10.34	106	2155035	105.267	ug/l	98
69) o-Xylene	10.68	106	1039011	51.360	ug/l	97
70) Styrene	10.70	104	1791440	50.324	ug/l	98
71) Bromoform	10.84	173	558861	49.572	ug/l #	98
73) Isopropylbenzene	11.00	105	2817529	51.847	ug/l	99
74) N-amyl acetate	10.88	43	1544275	51.093	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	908316	48.711	ug/l	99
76) 1,2,3-Trichloropropane	11.28	75	858427m	50.331	ug/l	
77) Bromobenzene	11.24	156	704326	48.590	ug/l	98
78) n-propylbenzene	11.35	91	3209247	51.646	ug/l	99
79) 2-Chlorotoluene	11.41	91	1925978	50.568	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2379518	51.271	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.06	75	353990	49.801	ug/l	99
82) 4-Chlorotoluene	11.50	91	2295185	51.404	ug/l	99
83) tert-Butylbenzene	11.76	119	2330470	51.408	ug/l	97
84) 1,2,4-Trimethylbenzene	11.79	105	2436007	51.507	ug/l	98
85) sec-Butylbenzene	11.93	105	2728473	52.041	ug/l	100
86) p-Isopropyltoluene	12.05	119	2546479	52.318	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1313962	50.636	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1325913	50.163	ug/l	99
89) n-Butylbenzene	12.37	91	2324712	52.853	ug/l	99
90) Hexachloroethane	12.58	117	481729	50.850	ug/l	97
91) 1,2-Dichlorobenzene	12.38	146	1264815	49.806	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	238960	45.404	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	996974	49.632	ug/l	97
94) Hexachlorobutadiene	13.77	225	466326	48.760	ug/l	98
95) Naphthalene	13.82	128	3037606	49.575	ug/l	100
96) 1,2,3-Trichlorobenzene	14.00	180	983333	50.845	ug/l	99

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

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