

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX040120\
 Data File : VX015458.D
 Acq On : 01 Apr 2020 10:27
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Apr 02 09:18:29 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	5.62	168	1128679	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.83	114	1711992	50.00	ug/l	-0.01
63) Chlorobenzene-d5	10.10	117	1541335	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.06	152	823592	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.03	65	742416	46.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.28%	
35) Dibromofluoromethane	5.47	113	543918	49.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.40%	
50) Toluene-d8	8.70	98	2003817	49.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.46%	
62) 4-Bromofluorobenzene	11.12	95	826063	50.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.90%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.18	85	583353	58.665	ug/l	99
3) Chloromethane	1.31	50	639127	50.470	ug/l	98
4) Vinyl Chloride	1.39	62	619470	53.275	ug/l	100
5) Bromomethane	1.62	94	269241	50.276	ug/l	99
6) Chloroethane	1.70	64	376713	52.237	ug/l	99
7) Trichlorofluoromethane	1.91	101	884394	56.714	ug/l	100
8) Diethyl Ether	2.17	74	334320	50.829	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.36	101	584899	57.536	ug/l	99
10) Methyl Iodide	2.49	142	719795	52.517	ug/l	100
11) Tert butyl alcohol	3.01	59	824713	216.446	ug/l	99
12) 1,1-Dichloroethene	2.36	96	574577	53.921	ug/l	97
13) Acrolein	2.27	56	634966	292.545	ug/l	98
14) Allyl chloride	2.70	41	1320498	53.035	ug/l	98
15) Acrylonitrile	3.11	53	1732148	238.377	ug/l	99
16) Acetone	2.42	43	1780763	260.381	ug/l	98
17) Carbon Disulfide	2.55	76	1714031	52.729	ug/l	99
18) Methyl Acetate	2.75	43	833618	47.757	ug/l	99
19) Methyl tert-butyl Ether	3.16	73	2107813	51.002	ug/l	99
20) Methylene Chloride	2.83	84	646129	50.580	ug/l	99
21) trans-1,2-Dichloroethene	3.14	96	616201	52.105	ug/l	96
22) Diisopropyl ether	3.82	45	2333145	52.882	ug/l	98
23) Vinyl Acetate	3.78	43	10271527	257.133	ug/l	99
24) 1,1-Dichloroethane	3.67	63	1196357	51.501	ug/l	100
25) 2-Butanone	4.63	43	2644558	240.443	ug/l	97
26) 2,2-Dichloropropane	4.55	77	1110832	58.258	ug/l	98
27) cis-1,2-Dichloroethene	4.56	96	709550	51.860	ug/l	96
28) Bromochloromethane	4.98	49	554298	49.977	ug/l	98
29) Tetrahydrofuran	5.08	42	1618671	228.925	ug/l	100
30) Chloroform	5.17	83	1167701	52.248	ug/l	97
31) Cyclohexane	5.55	56	1127547	55.953	ug/l	99
32) 1,1,1-Trichloroethane	5.46	97	1090140	53.898	ug/l	100
36) 1,1-Dichloropropene	5.77	75	896887	56.858	ug/l	100
37) Ethyl Acetate	4.79	43	1011542	49.250	ug/l	100
38) Carbon Tetrachloride	5.75	117	964818	56.472	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.44	83	1117243	61.429	ug/l	100
40) Benzene	6.11	78	2552404	55.239	ug/l	98
41) Methacrylonitrile	5.00	41	580637	50.926	ug/l	99
42) 1,2-Dichloroethane	6.16	62	1010100	54.423	ug/l	99
43) Isopropyl Acetate	6.41	43	1776591	51.240	ug/l	100
44) Trichloroethene	7.18	130	712196	56.516	ug/l	96
45) 1,2-Dichloropropane	7.49	63	684165	54.126	ug/l	98
46) Dibromomethane	7.64	93	453023	54.635	ug/l	99
47) Bromodichloromethane	7.87	83	976159	55.250	ug/l	98
48) Methyl methacrylate	7.75	41	896615	51.773	ug/l	100
49) 1,4-Dioxane	7.72	88	328425	1016.570	ug/l	98
51) 4-Methyl-2-Pentanone	8.62	43	4938094	251.311	ug/l	99
52) Toluene	8.76	92	1617457	56.778	ug/l	97
53) t-1,3-Dichloropropene	9.02	75	1123283	54.209	ug/l	98
54) cis-1,3-Dichloropropene	8.42	75	1190708	56.410	ug/l	98
55) 1,1,2-Trichloroethane	9.20	97	636446	54.530	ug/l	98
56) Ethyl methacrylate	9.16	69	1097519	53.357	ug/l	100
57) 1,3-Dichloropropane	9.36	76	1106984	52.642	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.29	63	2966263	296.475	ug/l	99
59) 2-Hexanone	9.47	43	3946538	266.032	ug/l	100
60) Dibromochloromethane	9.56	129	766930	54.684	ug/l	99
61) 1,2-Dibromoethane	9.65	107	680078	53.588	ug/l	100
64) Tetrachloroethene	9.32	164	676213	58.133	ug/l	98
65) Chlorobenzene	10.12	112	1746966	56.832	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.20	131	685364	55.810	ug/l	99
67) Ethyl Benzene	10.23	91	3135809	57.519	ug/l	99
68) m/p-Xylenes	10.34	106	2367001	116.597	ug/l	99
69) o-Xylene	10.68	106	1152686	57.460	ug/l	100
70) Styrene	10.70	104	2002120	56.717	ug/l	99
71) Bromoform	10.84	173	593943	53.129	ug/l #	97
73) Isopropylbenzene	11.00	105	3042632	56.383	ug/l	98
74) N-amyl acetate	10.88	43	1562047	52.045	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.25	83	964490	52.087	ug/l	100
76) 1,2,3-Trichloropropane	11.28	75	926550m	54.707	ug/l	
77) Bromobenzene	11.24	156	785585	54.577	ug/l	99
78) n-propylbenzene	11.34	91	3586422	58.122	ug/l	100
79) 2-Chlorotoluene	11.40	91	2133684	56.415	ug/l	99
80) 1,3,5-Trimethylbenzene	11.49	105	2658749	57.690	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.06	75	371550	52.639	ug/l	97
82) 4-Chlorotoluene	11.49	91	2536829	57.216	ug/l	98
83) tert-Butylbenzene	11.76	119	2596548	57.680	ug/l	99
84) 1,2,4-Trimethylbenzene	11.79	105	2686523	57.204	ug/l	100
85) sec-Butylbenzene	11.93	105	3096653	59.479	ug/l	100
86) p-Isopropyltoluene	12.05	119	2903521	60.073	ug/l	99
87) 1,3-Dichlorobenzene	12.01	146	1473592	57.186	ug/l	98
88) 1,4-Dichlorobenzene	12.08	146	1439302	54.836	ug/l	99
89) n-Butylbenzene	12.37	91	2668157	61.088	ug/l	99
90) Hexachloroethane	12.58	117	538375	57.229	ug/l	100
91) 1,2-Dichlorobenzene	12.38	146	1402143	55.601	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.98	75	244648	46.811	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.63	180	1133178	56.809	ug/l	99
94) Hexachlorobutadiene	13.77	225	538944	56.749	ug/l	97
95) Naphthalene	13.82	128	3252652	53.458	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	1088202	56.663	ug/l	97

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

