

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121319\
 Data File : VX014006.D
 Acq On : 13 Dec 2019 14:08
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Dec 16 02:41:40 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121319W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 13 17:10:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	593263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	885090	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	812682	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	430389	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	309349	46.01	ug/l	0.00
Spiked Amount			Recovery	=	92.02%	
35) Dibromofluoromethane	5.48	113	263771	49.02	ug/l	0.00
Spiked Amount			Recovery	=	98.04%	
50) Toluene-d8	8.71	98	973094	46.45	ug/l	0.00
Spiked Amount			Recovery	=	92.90%	
62) 4-Bromofluorobenzene	11.13	95	376878	49.22	ug/l	0.00
Spiked Amount			Recovery	=	98.44%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.19	85	264219	49.782	ug/l	100
3) Chloromethane	1.31	50	294880	41.400	ug/l	100
4) Vinyl Chloride	1.40	62	348664	46.391	ug/l	100
5) Bromomethane	1.62	94	264704	49.623	ug/l	98
6) Chloroethane	1.70	64	191791	41.346	ug/l	92
7) Trichlorofluoromethane	1.91	101	392823	42.222	ug/l	98
8) Diethyl Ether	2.18	74	183931	42.123	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.37	101	251652	44.871	ug/l	99
10) Methyl Iodide	2.50	142	307081	41.964	ug/l	99
11) Tert butyl alcohol	3.05	59	339431	233.629	ug/l	97
12) 1,1-Dichloroethene	2.36	96	239852	42.029	ug/l	95
13) Acrolein	2.28	56	363711	437.329	ug/l	97
14) Allyl chloride	2.72	41	456010	44.753	ug/l	100
15) Acrylonitrile	3.13	53	775497	228.687	ug/l	100
16) Acetone	2.44	43	830227	190.192	ug/l	98
17) Carbon Disulfide	2.56	76	582929	36.992	ug/l	100
18) Methyl Acetate	2.76	43	450336	52.063	ug/l	100
19) Methyl tert-butyl Ether	3.18	73	860063	45.863	ug/l	98
20) Methylene Chloride	2.84	84	287485	41.822	ug/l	96
21) trans-1,2-Dichloroethene	3.15	96	259613	41.293	ug/l	98
22) Diisopropyl ether	3.84	45	935205	46.058	ug/l	93
23) Vinyl Acetate	3.80	43	3768104	227.407	ug/l	99
24) 1,1-Dichloroethane	3.69	63	493076	43.647	ug/l	99
25) 2-Butanone	4.66	43	1156613	214.913	ug/l	100
26) 2,2-Dichloropropane	4.57	77	411545	46.921	ug/l	98
27) cis-1,2-Dichloroethene	4.58	96	310669	43.692	ug/l	99
28) Bromochloromethane	5.00	49	211509	48.695	ug/l	98
29) Tetrahydrofuran	5.11	42	683588	227.093	ug/l	99
30) Chloroform	5.20	83	486971	45.473	ug/l	99
31) Cyclohexane	5.56	56	425716	42.371	ug/l	97
32) 1,1,1-Trichloroethane	5.48	97	409223	44.836	ug/l	99
36) 1,1-Dichloropropene	5.79	75	356966	43.955	ug/l	99
37) Ethyl Acetate	4.81	43	412682	46.017	ug/l	100
38) Carbon Tetrachloride	5.77	117	341956	46.221	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.45	83	438976	43.776	ug/l	98
40) Benzene	6.13	78	1108112	44.346	ug/l	99
41) Methacrylonitrile	5.03	41	240774	48.388	ug/l	99
42) 1,2-Dichloroethane	6.18	62	386449	45.624	ug/l	99
43) Isopropyl Acetate	6.43	43	690674	46.536	ug/l	100
44) Trichloroethene	7.20	130	299341	43.371	ug/l	95
45) 1,2-Dichloropropane	7.50	63	295635	46.159	ug/l	98
46) Dibromomethane	7.65	93	186426	44.026	ug/l	99
47) Bromodichloromethane	7.89	83	379727	47.615	ug/l	99
48) Methyl methacrylate	7.76	41	346435	47.668	ug/l	99
49) 1,4-Dioxane	7.73	88	126235	853.530	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	2232315	239.496	ug/l	99
52) Toluene	8.78	92	706793	44.750	ug/l	100
53) t-1,3-Dichloropropene	9.03	75	433197	49.539	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	479122	49.181	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	294071	46.456	ug/l	98
56) Ethyl methacrylate	9.17	69	486313	48.907	ug/l	99
57) 1,3-Dichloropropane	9.37	76	499026	46.855	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1038455	275.964	ug/l	100
59) 2-Hexanone	9.49	43	1758545	234.368	ug/l	100
60) Dibromochloromethane	9.57	129	313347	49.799	ug/l	99
61) 1,2-Dibromoethane	9.67	107	300894	46.458	ug/l	100
64) Tetrachloroethene	9.33	164	272610	37.909	ug/l	95
65) Chlorobenzene	10.14	112	775091	44.856	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.21	131	292112	47.345	ug/l	99
67) Ethyl Benzene	10.25	91	1375899	46.315	ug/l	99
68) m/p-Xylenes	10.36	106	1044598	91.423	ug/l	99
69) o-Xylene	10.70	106	509751	45.489	ug/l	98
70) Styrene	10.71	104	891455	47.044	ug/l	99
71) Bromoform	10.86	173	244139	49.227	ug/l #	99
73) Isopropylbenzene	11.01	105	1356286	44.758	ug/l	99
74) N-amyl acetate	10.89	43	657021	46.256	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	491406	46.775	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	549449	56.483	ug/l	86
77) Bromobenzene	11.25	156	362878	43.524	ug/l	99
78) n-propylbenzene	11.35	91	1555577	45.766	ug/l	99
79) 2-Chlorotoluene	11.42	91	924469	44.743	ug/l	100
80) 1,3,5-Trimethylbenzene	11.50	105	1163274	45.613	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	160903	48.605	ug/l	99
82) 4-Chlorotoluene	11.51	91	1074408	44.829	ug/l	99
83) tert-Butylbenzene	11.76	119	1184115	47.711	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	1170718	45.839	ug/l	100
85) sec-Butylbenzene	11.94	105	1348949	46.041	ug/l	100
86) p-Isopropyltoluene	12.06	119	1262816	47.119	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	648901	44.408	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	652225	43.898	ug/l	100
89) n-Butylbenzene	12.39	91	1103069	48.236	ug/l	99
90) Hexachloroethane	12.59	117	224709	46.679	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	656189	44.610	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.99	75	102407	44.049	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	455157	47.608	ug/l	98
94) Hexachlorobutadiene	13.78	225	214861	46.762	ug/l	98
95) Naphthalene	13.83	128	1347747	47.981	ug/l	99
96) 1,2,3-Trichlorobenzene	14.01	180	455839	48.300	ug/l	99

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

