

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX021619\
 Data File : VX007561.D
 Acq On : 15 Feb 2019 11:56
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 2/18/2019 10:39:28 AM

Quant Time: Feb 16 04:03:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 01:32:36 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	485263	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	694126	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	625597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	329635	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	250748	48.68	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.36%	
35) Dibromofluoromethane	5.50	113	232015	51.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.74%	
50) Toluene-d8	8.71	98	843947	50.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.72%	
62) 4-Bromofluorobenzene	11.13	95	301662	49.31	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.62%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	252427	42.359	ug/l	99
3) Chloromethane	1.33	50	214379	39.222	ug/l	98
4) Vinyl Chloride	1.41	62	237673	44.324	ug/l	100
5) Bromomethane	1.64	94	222328	41.853	ug/l	99
6) Chloroethane	1.72	64	151484	43.671	ug/l	100
7) Trichlorofluoromethane	1.93	101	378625	45.138	ug/l	97
8) Diethyl Ether	2.19	74	140917	44.634	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	227285	45.552	ug/l	99
10) Methyl Iodide	2.51	142	260682	35.516	ug/l	100
11) Tert butyl alcohol	3.07	59	255834	240.009	ug/l	99
12) 1,1-Dichloroethene	2.37	96	200265	43.223	ug/l	98
13) Acrolein	2.30	56	116552	233.176	ug/l	100
14) Allyl chloride	2.73	41	350404	46.415	ug/l	99
15) Acrylonitrile	3.15	53	621870	235.833	ug/l	99
16) Acetone	2.45	43	611256	259.074	ug/l	99
17) Carbon Disulfide	2.57	76	488654	40.742	ug/l	99
18) Methyl Acetate	2.78	43	338249	54.963	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	686388	45.727	ug/l	97
20) Methylene Chloride	2.86	84	217908	45.178	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	209779	42.503	ug/l	99
22) Diisopropyl ether	3.87	45	686392	49.429	ug/l	98
23) Vinyl Acetate	3.82	43	2935672	254.758	ug/l	100
24) 1,1-Dichloroethane	3.70	63	385837	48.383	ug/l	99
25) 2-Butanone	4.70	43	852468	253.885	ug/l	99
26) 2,2-Dichloropropane	4.58	77	297842	49.042	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	242515	44.986	ug/l	99
28) Bromochloromethane	5.02	49	176076	48.012	ug/l	99
29) Tetrahydrofuran	5.15	42	529062	250.531	ug/l	99
30) Chloroform	5.21	83	389190	46.769	ug/l	100
31) Cyclohexane	5.57	56	320935	44.808	ug/l	98
32) 1,1,1-Trichloroethane	5.49	97	336002	47.835	ug/l	99
36) 1,1-Dichloropropene	5.79	75	282910	45.426	ug/l	99
37) Ethyl Acetate	4.85	43	305673	48.553	ug/l	99
38) Carbon Tetrachloride	5.78	117	298254	49.363	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	357295	47.417	ug/l	96
40) Benzene	6.14	78	858380	46.789	ug/l	98
41) Methacrylonitrile	5.06	41	167833	49.740	ug/l	98
42) 1,2-Dichloroethane	6.20	62	290800	45.813	ug/l	98
43) Isopropyl Acetate	6.46	43	489371	50.360	ug/l	100
44) Trichloroethene	7.21	130	253231	45.831	ug/l	98
45) 1,2-Dichloropropane	7.51	63	221104	48.102	ug/l	97
46) Dibromomethane	7.66	93	153952	46.082	ug/l	99
47) Bromodichloromethane	7.90	83	286009	50.515	ug/l	99
48) Methyl methacrylate	7.77	41	253083	52.068	ug/l	99
49) 1,4-Dioxane	7.75	88	110661	1001.083	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	1600885	250.252	ug/l	100
52) Toluene	8.78	92	552877	46.710	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	316107	51.976	ug/l	96
54) cis-1,3-Dichloropropene	8.43	75	346253	51.772	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	231470	46.914	ug/l	98
56) Ethyl methacrylate	9.18	69	342682	50.147	ug/l	99
57) 1,3-Dichloropropane	9.37	76	374808	47.768	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	917476	254.723	ug/l	100
59) 2-Hexanone	9.49	43	1233041	247.698	ug/l	99
60) Dibromochloromethane	9.58	129	252223	54.051	ug/l	99
61) 1,2-Dibromoethane	9.67	107	250684	47.977	ug/l	100
64) Tetrachloroethene	9.34	164	262212	44.470	ug/l	100
65) Chlorobenzene	10.13	112	638347	46.760	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	239253	52.273	ug/l	99
67) Ethyl Benzene	10.25	91	1063644	48.382	ug/l	99
68) m/p-Xylenes	10.36	106	824207	94.313	ug/l	98
69) o-Xylene	10.69	106	405328	48.201	ug/l	100
70) Styrene	10.71	104	656370	48.129	ug/l	100
71) Bromoform	10.86	173	186617	46.770	ug/l #	98
73) Isopropylbenzene	11.02	105	1098391	49.034	ug/l	99
74) N-amyl acetate	10.90	43	429193	49.536	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	335148	49.093	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	328270m	51.198	ug/l	
77) Bromobenzene	11.26	156	290626	46.047	ug/l	99
78) n-propylbenzene	11.36	91	1233649	50.223	ug/l	100
79) 2-Chlorotoluene	11.42	91	710213	47.651	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	898431	49.024	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	101309	48.936	ug/l	96
82) 4-Chlorotoluene	11.51	91	836602	48.509	ug/l	99
83) tert-Butylbenzene	11.77	119	897489	49.464	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	915994	49.232	ug/l	99
85) sec-Butylbenzene	11.94	105	1114168	50.736	ug/l	100
86) p-Isopropyltoluene	12.06	119	997697	50.329	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	524404	46.297	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	530175	46.136	ug/l	98
89) n-Butylbenzene	12.38	91	867125	50.849	ug/l	100
90) Hexachloroethane	12.60	117	164374	55.404	ug/l	98
91) 1,2-Dichlorobenzene	12.39	146	520310	46.158	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	74520	52.498	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	369991	48.670	ug/l	100
94) Hexachlorobutadiene	13.78	225	179454	48.615	ug/l	100
95) Naphthalene	13.83	128	1123136	50.522	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	371290	48.521	ug/l	99

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

