

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX020119\
 Data File : VX007330.D
 Acq On : 01 Feb 2019 11:48
 Operator : JC/SP
 Sample : VSTDICC150
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

MMDadoda
 2/4/2019 9:37:43 AM

Quant Time: Feb 02 00:46:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X020119W.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 02 00:12:21 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	516861	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	743541	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	673429	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	378849	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	782884	142.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	285.40%	
35) Dibromofluoromethane	5.51	113	719952	148.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	297.62%	
50) Toluene-d8	8.71	98	2719083	151.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	302.96%	
62) 4-Bromofluorobenzene	11.14	95	985746	150.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	300.84%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	945204	164.055	ug/l	98
3) Chloromethane	1.32	50	849197	145.868	ug/l	100
4) Vinyl Chloride	1.41	62	849828	148.798	ug/l	98
5) Bromomethane	1.64	94	837568	128.833	ug/l	99
6) Chloroethane	1.71	64	688229	186.281	ug/l	100
7) Trichlorofluoromethane	1.92	101	1352987	151.436	ug/l	99
8) Diethyl Ether	2.19	74	488984	145.411	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	2.37	101	768592	144.623	ug/l	99
10) Methyl Iodide	2.51	142	1205257	154.167	ug/l	99
11) Tert butyl alcohol	3.12	59	886103	780.471	ug/l	100
12) 1,1-Dichloroethene	2.37	96	721715	146.245	ug/l	98
13) Acrolein	2.30	56	452333	849.622	ug/l	99
14) Allyl chloride	2.73	41	1245782	154.930	ug/l	98
15) Acrylonitrile	3.16	53	2059873	733.414	ug/l	99
16) Acetone	2.46	43	1905051	758.073	ug/l	100
17) Carbon Disulfide	2.56	76	2033081	156.130	ug/l	99
18) Methyl Acetate	2.78	43	1007255	141.660	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	2380558	148.897	ug/l	100
20) Methylene Chloride	2.85	84	768007	135.190	ug/l	97
21) trans-1,2-Dichloroethene	3.16	96	750937	142.845	ug/l	97
22) Diisopropyl ether	3.87	45	2183619	147.634	ug/l	98
23) Vinyl Acetate	3.83	43	9492954	773.437	ug/l	99
24) 1,1-Dichloroethane	3.70	63	1196746	140.893	ug/l	99
25) 2-Butanone	4.71	43	2547129	712.218	ug/l	99
26) 2,2-Dichloropropane	4.58	77	1009833	156.112	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	796477	138.713	ug/l	98
28) Bromochloromethane	5.02	49	536555	137.363	ug/l	97
29) Tetrahydrofuran	5.15	42	1692227	752.346	ug/l	99
30) Chloroform	5.21	83	1274809	143.829	ug/l	100
31) Cyclohexane	5.57	56	1106023	144.981	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	1147818	153.419	ug/l	99
36) 1,1-Dichloropropene	5.80	75	966593	144.887	ug/l	99
37) Ethyl Acetate	4.86	43	997180	147.864	ug/l	100
38) Carbon Tetrachloride	5.78	117	1038351	160.431	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	1223401	151.568	ug/l	99
40) Benzene	6.14	78	2855513	145.306	ug/l	99
41) Methacrylonitrile	5.06	41	548454	148.811	ug/l	99
42) 1,2-Dichloroethane	6.20	62	975116	143.412	ug/l	100
43) Isopropyl Acetate	6.46	43	1641568	157.701	ug/l	100
44) Trichloroethene	7.21	130	854109	144.307	ug/l	98
45) 1,2-Dichloropropane	7.51	63	733534	148.977	ug/l	99
46) Dibromomethane	7.66	93	521888	145.834	ug/l	99
47) Bromodichloromethane	7.90	83	980133	161.605	ug/l	100
48) Methyl methacrylate	7.77	41	840093	161.349	ug/l	98
49) 1,4-Dioxane	7.76	88	360241	2780.064	ug/l	98
51) 4-Methyl-2-Pentanone	8.65	43	5174032	755.058	ug/l	99
52) Toluene	8.79	92	1902904	150.082	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	1133865	174.047	ug/l	100
54) cis-1,3-Dichloropropene	8.44	75	1210891	169.019	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	758773	143.566	ug/l	98
56) Ethyl methacrylate	9.18	69	1137097	155.340	ug/l	100
57) 1,3-Dichloropropane	9.37	76	1219136	145.049	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.32	63	3080459	798.403	ug/l	100
59) 2-Hexanone	9.50	43	4094307	767.819	ug/l	99
60) Dibromochloromethane	9.59	129	863196	172.689	ug/l	98
61) 1,2-Dibromoethane	9.67	107	823924	147.206	ug/l	99
64) Tetrachloroethene	9.34	164	875625	137.953	ug/l	99
65) Chlorobenzene	10.14	112	2140106	145.630	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	799119	162.193	ug/l	99
67) Ethyl Benzene	10.25	91	3588369	151.630	ug/l	99
68) m/p-Xylenes	10.36	106	2887621	306.956	ug/l	99
69) o-Xylene	10.70	106	1387589	153.288	ug/l	99
70) Styrene	10.71	104	2284506	155.615	ug/l	100
71) Bromoform	10.86	173	712554	186.917	ug/l	100
73) Isopropylbenzene	11.02	105	3677731	142.853	ug/l	99
74) N-amyl acetate	10.90	43	1600246	160.703	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.27	83	1168842	148.973	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	1049516m	136.642	ug/l	
77) Bromobenzene	11.26	156	1014878	139.911	ug/l	99
78) n-propylbenzene	11.36	91	4168710	147.665	ug/l	100
79) 2-Chlorotoluene	11.42	91	2403045	140.284	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	3141777	149.165	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.08	75	392912	185.122	ug/l	94
82) 4-Chlorotoluene	11.51	91	2954629	149.065	ug/l	100
83) tert-Butylbenzene	11.77	119	3158491	151.465	ug/l	98
84) 1,2,4-Trimethylbenzene	11.81	105	3175987	148.527	ug/l	100
85) sec-Butylbenzene	11.94	105	3787161	150.054	ug/l	100
86) p-Isopropyltoluene	12.07	119	3461602	151.938	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	1863671	143.161	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	1890942	143.273	ug/l	99
89) n-Butylbenzene	12.39	91	3175574	162.028	ug/l	99
90) Hexachloroethane	12.60	117	595803	174.734	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	1868878	144.255	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	262771	161.069	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	1361258	155.804	ug/l	100
94) Hexachlorobutadiene	13.78	225	639513	150.741	ug/l	98
95) Naphthalene	13.83	128	3953277	154.729	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	1329867	151.214	ug/l	100

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

