

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX011419\
 Data File : VX007047.D
 Acq On : 14 Jan 2019 18:42
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/15/2019 11:13:12 AM

Quant Time: Jan 15 00:41:36 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X010819W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 08 14:06:59 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	522872	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	770767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	713867	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	369759	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	274386	50.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.42%	
35) Dibromofluoromethane	5.50	113	248915	50.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.86%	
50) Toluene-d8	8.71	98	932655	51.62	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.24%	
62) 4-Bromofluorobenzene	11.13	95	341773	54.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.52%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	228432	53.200	ug/l	99
3) Chloromethane	1.33	50	253742	50.763	ug/l	99
4) Vinyl Chloride	1.41	62	268540	49.943	ug/l	98
5) Bromomethane	1.64	94	266693	46.424	ug/l	98
6) Chloroethane	1.71	64	174155	46.386	ug/l	97
7) Trichlorofluoromethane	1.93	101	427003	49.149	ug/l	97
8) Diethyl Ether	2.19	74	164945	47.721	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	251348	48.323	ug/l	99
10) Methyl Iodide	2.51	142	390401	55.643	ug/l	99
11) Tert butyl alcohol	3.08	59	324398	251.661	ug/l	98
12) 1,1-Dichloroethene	2.37	96	232407	48.362	ug/l	95
13) Acrolein	2.30	56	161325	289.690	ug/l	99
14) Allyl chloride	2.73	41	408819	49.639	ug/l	99
15) Acrylonitrile	3.15	53	752395	254.261	ug/l	100
16) Acetone	2.45	43	655111	242.503	ug/l	99
17) Carbon Disulfide	2.57	76	564101	45.593	ug/l	100
18) Methyl Acetate	2.78	43	419674	53.644	ug/l	99
19) Methyl tert-butyl Ether	3.21	73	832746	49.926	ug/l	100
20) Methylene Chloride	2.86	84	273057	53.179	ug/l	99
21) trans-1,2-Dichloroethene	3.17	96	250195	46.719	ug/l	96
22) Diisopropyl ether	3.87	45	767122	49.545	ug/l	95
23) Vinyl Acetate	3.82	43	3227084	247.145	ug/l	100
24) 1,1-Dichloroethane	3.70	63	422627	48.815	ug/l	99
25) 2-Butanone	4.70	43	971619	251.364	ug/l	99
26) 2,2-Dichloropropane	4.59	77	314467	47.235	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	286868	48.564	ug/l	99
28) Bromochloromethane	5.02	49	185772	48.975	ug/l	96
29) Tetrahydrofuran	5.15	42	626583	249.434	ug/l	98
30) Chloroform	5.21	83	451239	49.780	ug/l	93
31) Cyclohexane	5.57	56	374317	48.576	ug/l	95
32) 1,1,1-Trichloroethane	5.49	97	384839	50.088	ug/l	99
36) 1,1-Dichloropropene	5.80	75	322211	48.083	ug/l	99
37) Ethyl Acetate	4.85	43	359219	50.001	ug/l	99
38) Carbon Tetrachloride	5.79	117	334286	49.581	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	408076	47.767	ug/l	99
40) Benzene	6.15	78	999054	48.860	ug/l	100
41) Methacrylonitrile	5.06	41	196503	47.479	ug/l	98
42) 1,2-Dichloroethane	6.20	62	340607	48.205	ug/l	99
43) Isopropyl Acetate	6.46	43	584763	51.602	ug/l	98
44) Trichloroethene	7.21	130	291629	47.595	ug/l	100
45) 1,2-Dichloropropane	7.51	63	252048	49.031	ug/l	99
46) Dibromomethane	7.66	93	179036	49.556	ug/l	96
47) Bromodichloromethane	7.90	83	322888	52.506	ug/l	99
48) Methyl methacrylate	7.77	41	298737	51.333	ug/l	96
49) 1,4-Dioxane	7.75	88	137878	1037.779	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1928435	264.794	ug/l	99
52) Toluene	8.79	92	660808	50.281	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	360756	52.905	ug/l	99
54) cis-1,3-Dichloropropene	8.44	75	393692	52.280	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	279252	53.086	ug/l	98
56) Ethyl methacrylate	9.18	69	414259	53.944	ug/l	96
57) 1,3-Dichloropropane	9.37	76	437624	50.781	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	1045117	264.692	ug/l	99
59) 2-Hexanone	9.49	43	1460500	263.159	ug/l	99
60) Dibromochloromethane	9.59	129	286628	56.114	ug/l	99
61) 1,2-Dibromoethane	9.67	107	297194	51.319	ug/l	99
64) Tetrachloroethene	9.34	164	277604	44.916	ug/l	97
65) Chlorobenzene	10.14	112	765504	49.166	ug/l	97
66) 1,1,1,2-Tetrachloroethane	10.22	131	275759	52.649	ug/l	99
67) Ethyl Benzene	10.25	91	1266894	49.288	ug/l	98
68) m/p-Xylenes	10.36	106	1006839	99.422	ug/l	100
69) o-Xylene	10.70	106	492298	49.846	ug/l	97
70) Styrene	10.71	104	802794	51.323	ug/l	100
71) Bromoform	10.86	173	218551	46.957	ug/l #	98
73) Isopropylbenzene	11.02	105	1308883	50.200	ug/l	99
74) N-amyl acetate	10.90	43	538784	51.324	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	410457	49.588	ug/l	99
76) 1,2,3-Trichloropropane	11.30	75	376954m	50.307	ug/l	
77) Bromobenzene	11.26	156	354341	49.323	ug/l	100
78) n-propylbenzene	11.36	91	1451863	50.724	ug/l	99
79) 2-Chlorotoluene	11.42	91	852678	49.489	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1076521	49.413	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	116621	47.199	ug/l	98
82) 4-Chlorotoluene	11.51	91	1000701	50.162	ug/l	99
83) tert-Butylbenzene	11.77	119	1106091	50.886	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	1096189	50.036	ug/l	99
85) sec-Butylbenzene	11.94	105	1314062	50.620	ug/l	100
86) p-Isopropyltoluene	12.07	119	1171692	50.461	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	629119	48.449	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	628943	51.117	ug/l	99
89) n-Butylbenzene	12.39	91	1006498	50.848	ug/l	98
90) Hexachloroethane	12.60	117	182807	49.355	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	622552	48.582	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	87298	53.326	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	433384	49.295	ug/l	99
94) Hexachlorobutadiene	13.79	225	200173	51.308	ug/l	98
95) Naphthalene	13.83	128	1331385	49.976	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	431546	49.413	ug/l	97

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

