

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\
 Data File : VX007170.D
 Acq On : 21 Jan 2019 20:13
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 10:56:21 AM

Quant Time: Jan 22 02:13:57 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	457092	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	676500	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	638906	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	343576	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	232765	48.73	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.46%	
35) Dibromofluoromethane	5.50	113	208044	48.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.04%	
50) Toluene-d8	8.71	98	779269	49.14	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.28%	
62) 4-Bromofluorobenzene	11.13	95	292337	52.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	181694	48.405	ug/l	98
3) Chloromethane	1.33	50	204530	46.806	ug/l	97
4) Vinyl Chloride	1.41	62	217056	46.177	ug/l	98
5) Bromomethane	1.64	94	226047	45.011	ug/l	97
6) Chloroethane	1.71	64	142225	43.333	ug/l	98
7) Trichlorofluoromethane	1.93	101	349382	46.002	ug/l	99
8) Diethyl Ether	2.19	74	139356	46.120	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.39	101	210542	46.303	ug/l	98
10) Methyl Iodide	2.51	142	289581	47.213	ug/l	99
11) Tert butyl alcohol	3.07	59	246933	219.133	ug/l	100
12) 1,1-Dichloroethene	2.37	96	193770	46.124	ug/l	94
13) Acrolein	2.29	56	142579	292.839	ug/l	97
14) Allyl chloride	2.73	41	333160	46.274	ug/l	100
15) Acrylonitrile	3.15	53	613304	237.083	ug/l	100
16) Acetone	2.45	43	511526	216.602	ug/l	99
17) Carbon Disulfide	2.57	76	429909	39.748	ug/l	99
18) Methyl Acetate	2.78	43	335979	49.127	ug/l	98
19) Methyl tert-butyl Ether	3.20	73	697243	47.818	ug/l	99
20) Methylene Chloride	2.86	84	227212	50.591	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	208062	44.442	ug/l	93
22) Diisopropyl ether	3.87	45	665474	49.165	ug/l	99
23) Vinyl Acetate	3.82	43	2700014	236.537	ug/l	100
24) 1,1-Dichloroethane	3.70	63	367337	48.535	ug/l	99
25) 2-Butanone	4.69	43	789079	233.517	ug/l	98
26) 2,2-Dichloropropane	4.59	77	258879	44.481	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	241334	46.735	ug/l	98
28) Bromochloromethane	5.01	49	152584	46.014	ug/l	96
29) Tetrahydrofuran	5.15	42	507907	231.288	ug/l	98
30) Chloroform	5.21	83	387748	48.932	ug/l	97
31) Cyclohexane	5.57	56	309948	46.012	ug/l	97
32) 1,1,1-Trichloroethane	5.49	97	325041	48.393	ug/l	98
36) 1,1-Dichloropropene	5.80	75	276666	47.039	ug/l	99
37) Ethyl Acetate	4.85	43	299099	47.434	ug/l	98
38) Carbon Tetrachloride	5.78	117	286002	48.331	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	341571	45.554	ug/l	100
40) Benzene	6.14	78	854858	47.634	ug/l	99
41) Methacrylonitrile	5.06	41	170256	46.870	ug/l	98
42) 1,2-Dichloroethane	6.20	62	293277	47.290	ug/l	100
43) Isopropyl Acetate	6.46	43	483078	48.569	ug/l	97
44) Trichloroethene	7.21	130	249707	46.432	ug/l	99
45) 1,2-Dichloropropane	7.51	63	221392	49.069	ug/l	99
46) Dibromomethane	7.66	93	152968	48.241	ug/l	96
47) Bromodichloromethane	7.90	83	278593	51.616	ug/l	97
48) Methyl methacrylate	7.77	41	252243	49.384	ug/l	97
49) 1,4-Dioxane	7.75	88	111977	959.625	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	1633182	255.502	ug/l	99
52) Toluene	8.78	92	565410	49.017	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	302688	50.574	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	338083	51.151	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	242095	52.436	ug/l	99
56) Ethyl methacrylate	9.18	69	355637	52.764	ug/l	95
57) 1,3-Dichloropropane	9.37	76	384663	50.855	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	877743	253.279	ug/l	99
59) 2-Hexanone	9.49	43	1225529	251.591	ug/l	99
60) Dibromochloromethane	9.58	129	247202	55.139	ug/l	99
61) 1,2-Dibromoethane	9.67	107	257904	50.740	ug/l	99
64) Tetrachloroethene	9.34	164	253464	45.822	ug/l	97
65) Chlorobenzene	10.13	112	667589	47.908	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	240517	51.308	ug/l	100
67) Ethyl Benzene	10.25	91	1110065	48.254	ug/l	100
68) m/p-Xylenes	10.36	106	882018	97.315	ug/l	99
69) o-Xylene	10.69	106	437476	49.493	ug/l	98
70) Styrene	10.71	104	713116	50.939	ug/l	99
71) Bromoform	10.86	173	189408	45.620	ug/l	98
73) Isopropylbenzene	11.02	105	1164207	48.054	ug/l	99
74) N-amyl acetate	10.90	43	452135	46.352	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	357757	46.515	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	329572m	47.336	ug/l	
77) Bromobenzene	11.26	156	314025	47.042	ug/l	99
78) n-propylbenzene	11.36	91	1312560	49.352	ug/l	99
79) 2-Chlorotoluene	11.42	91	765982	47.845	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	958527	47.350	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	93114	41.089	ug/l	98
82) 4-Chlorotoluene	11.51	91	890255	48.027	ug/l	99
83) tert-Butylbenzene	11.77	119	959009	47.482	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	979754	48.130	ug/l	99
85) sec-Butylbenzene	11.94	105	1173235	48.639	ug/l	100
86) p-Isopropyltoluene	12.06	119	1053106	48.810	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	562871	46.650	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	565302	49.451	ug/l	100
89) n-Butylbenzene	12.38	91	891960	48.496	ug/l	99
90) Hexachloroethane	12.60	117	159929	46.639	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	565861	47.523	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	13.00	75	73070	48.036	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	389280	47.652	ug/l	99
94) Hexachlorobutadiene	13.78	225	178833	49.331	ug/l	98
95) Naphthalene	13.83	128	1186925	47.948	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	386867	47.673	ug/l	99

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

