

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX012119\
 Data File : VX007149.D
 Acq On : 21 Jan 2019 10:34
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 1/22/2019 10:55:59 AM

Quant Time: Jan 22 00:15:36 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	5.66	168	454948	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	651019	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	617550	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	342033	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	239235	50.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.64%	
35) Dibromofluoromethane	5.49	113	220805	52.96	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.92%	
50) Toluene-d8	8.71	98	814454	53.37	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.74%	
62) 4-Bromofluorobenzene	11.13	95	314513	59.12	ug/l	0.00
Spiked Amount	50.000		Recovery	=	118.24%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	205592	55.030	ug/l	99
3) Chloromethane	1.32	50	214052	49.216	ug/l	99
4) Vinyl Chloride	1.41	62	230177	49.199	ug/l	97
5) Bromomethane	1.64	94	226706	45.355	ug/l	99
6) Chloroethane	1.71	64	153322	46.934	ug/l	98
7) Trichlorofluoromethane	1.93	101	389526	51.529	ug/l	97
8) Diethyl Ether	2.19	74	148725	49.453	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	239503	52.921	ug/l	100
10) Methyl Iodide	2.51	142	309605	50.715	ug/l	100
11) Tert butyl alcohol	3.06	59	245615	218.991	ug/l	100
12) 1,1-Dichloroethene	2.37	96	209404	50.081	ug/l	96
13) Acrolein	2.29	56	147480	304.211	ug/l	98
14) Allyl chloride	2.73	41	365297	50.976	ug/l	99
15) Acrylonitrile	3.15	53	616229	239.337	ug/l	99
16) Acetone	2.44	43	619872	263.717	ug/l	99
17) Carbon Disulfide	2.57	76	490387	45.553	ug/l	97
18) Methyl Acetate	2.77	43	337303	49.553	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	742685	51.174	ug/l	98
20) Methylene Chloride	2.85	84	240802	53.906	ug/l	92
21) trans-1,2-Dichloroethene	3.17	96	226036	48.509	ug/l	97
22) Diisopropyl ether	3.87	45	714466	53.034	ug/l	94
23) Vinyl Acetate	3.82	43	2987496	262.956	ug/l	99
24) 1,1-Dichloroethane	3.70	63	409210	54.322	ug/l	98
25) 2-Butanone	4.69	43	850418	252.856	ug/l	99
26) 2,2-Dichloropropane	4.58	77	324928	56.093	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	261960	50.968	ug/l	98
28) Bromochloromethane	5.01	49	166286	50.383	ug/l	95
29) Tetrahydrofuran	5.14	42	509661	233.180	ug/l	97
30) Chloroform	5.21	83	425560	53.957	ug/l	98
31) Cyclohexane	5.57	56	345986	51.603	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	364682	54.551	ug/l	98
36) 1,1-Dichloropropene	5.79	75	305074	53.899	ug/l	99
37) Ethyl Acetate	4.84	43	309745	51.045	ug/l	98
38) Carbon Tetrachloride	5.78	117	322266	56.590	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	391647	54.277	ug/l	96
40) Benzene	6.14	78	923832	53.492	ug/l	100
41) Methacrylonitrile	5.05	41	174714	49.979	ug/l	98
42) 1,2-Dichloroethane	6.20	62	316830	53.088	ug/l	99
43) Isopropyl Acetate	6.45	43	511249	53.413	ug/l	98
44) Trichloroethene	7.21	130	276493	53.425	ug/l	100
45) 1,2-Dichloropropane	7.51	63	237023	54.590	ug/l	94
46) Dibromomethane	7.66	93	167851	55.006	ug/l	98
47) Bromodichloromethane	7.90	83	307441	59.190	ug/l	98
48) Methyl methacrylate	7.77	41	265369	53.987	ug/l	96
49) 1,4-Dioxane	7.75	88	110559	984.783	ug/l	97
51) 4-Methyl-2-Pentanone	8.65	43	1702409	276.756	ug/l	99
52) Toluene	8.78	92	609455	54.904	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	344804	59.866	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	371903	58.471	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	255057	57.405	ug/l	99
56) Ethyl methacrylate	9.18	69	375241	57.851	ug/l	95
57) 1,3-Dichloropropane	9.37	76	409535	56.263	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	1013860	304.007	ug/l	99
59) 2-Hexanone	9.49	43	1350249	288.044	ug/l	98
60) Dibromochloromethane	9.58	129	276044	63.983	ug/l	98
61) 1,2-Dibromoethane	9.67	107	272767	55.765	ug/l	100
64) Tetrachloroethene	9.34	164	294409	55.065	ug/l	95
65) Chlorobenzene	10.13	112	728537	54.090	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	264882	58.460	ug/l	99
67) Ethyl Benzene	10.25	91	1214891	54.637	ug/l	99
68) m/p-Xylenes	10.35	106	980617	111.935	ug/l	100
69) o-Xylene	10.69	106	478564	56.013	ug/l	97
70) Styrene	10.71	104	789375	58.336	ug/l	100
71) Bromoform	10.85	173	211855	52.048	ug/l	99
73) Isopropylbenzene	11.02	105	1279964	53.071	ug/l	99
74) N-amyl acetate	10.90	43	486580	50.109	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	381647	49.845	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	364210m	52.547	ug/l	
77) Bromobenzene	11.26	156	349537	52.598	ug/l	97
78) n-propylbenzene	11.36	91	1479494	55.879	ug/l	99
79) 2-Chlorotoluene	11.42	91	845324	53.039	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	1083622	53.771	ug/l	100
81) trans-1,4-Dichloro-2-buten	11.07	75	112374	49.009	ug/l	98
82) 4-Chlorotoluene	11.51	91	1009899	54.727	ug/l	100
83) tert-Butylbenzene	11.77	119	1056607	52.550	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	1104690	54.512	ug/l	100
85) sec-Butylbenzene	11.94	105	1333959	55.552	ug/l	100
86) p-Isopropyltoluene	12.06	119	1203206	56.018	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	637196	53.049	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	643971	56.565	ug/l	99
89) n-Butylbenzene	12.39	91	1056107	57.679	ug/l	99
90) Hexachloroethane	12.60	117	184735	53.650	ug/l	93
91) 1,2-Dichlorobenzene	12.39	146	630343	53.177	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	78654	51.941	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	456337	56.113	ug/l	100
94) Hexachlorobutadiene	13.78	225	212290	58.824	ug/l	99
95) Naphthalene	13.83	128	1299524	52.734	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	451486	55.886	ug/l	98

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

