

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX061119\
 Data File : VX010218.D
 Acq On : 11 Jun 2019 09:25
 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
 6/12/2019 9:21:32 AM

Quant Time: Jun 12 07:54:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060719W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 08 02:12:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	261622	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	379490	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	345952	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	188276	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	114164	44.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.40%	
35) Dibromofluoromethane	5.49	113	118132	50.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.94%	
50) Toluene-d8	8.71	98	448740	51.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.30%	
62) 4-Bromofluorobenzene	11.13	95	170294	51.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	123792	51.424	ug/l	98
3) Chloromethane	1.32	50	113828	47.612	ug/l	99
4) Vinyl Chloride	1.41	62	119820	53.326	ug/l	99
5) Bromomethane	1.64	94	49801	58.735	ug/l	99
6) Chloroethane	1.71	64	68643	60.593	ug/l	98
7) Trichlorofluoromethane	1.92	101	187858	56.284	ug/l	99
8) Diethyl Ether	2.18	74	62637	54.449	ug/l	78
9) 1,1,2-Trichlorotrifluoroet	2.38	101	111038	48.262	ug/l	90
10) Methyl Iodide	2.51	142	172197	48.306	ug/l	96
11) Tert butyl alcohol	3.05	59	140823	225.103	ug/l	99
12) 1,1-Dichloroethene	2.37	96	108923	46.351	ug/l #	78
13) Acrolein	2.29	56	37210	326.201	ug/l	100
14) Allyl chloride	2.73	41	155606	43.868	ug/l #	87
15) Acrylonitrile	3.14	53	293337	229.403	ug/l	99
16) Acetone	2.44	43	331043	275.611	ug/l #	88
17) Carbon Disulfide	2.57	76	292819	43.125	ug/l	100
18) Methyl Acetate	2.77	43	119906	45.393	ug/l #	82
19) Methyl tert-butyl Ether	3.19	73	339686	44.994	ug/l	95
20) Methylene Chloride	2.85	84	119116	45.156	ug/l #	77
21) trans-1,2-Dichloroethene	3.16	96	117559	45.205	ug/l #	77
22) Diisopropyl ether	3.85	45	317476	46.812	ug/l #	82
23) Vinyl Acetate	3.81	43	1407450	232.627	ug/l #	88
24) 1,1-Dichloroethane	3.70	63	185673	45.091	ug/l	94
25) 2-Butanone	4.67	43	458350	256.265	ug/l #	84
26) 2,2-Dichloropropane	4.58	77	168752	44.922	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	134879	46.622	ug/l	78
28) Bromochloromethane	5.01	49	90371	48.970	ug/l #	47
29) Tetrahydrofuran	5.12	42	255162	227.004	ug/l #	75
30) Chloroform	5.21	83	197386	46.157	ug/l	98
31) Cyclohexane	5.57	56	177002	47.629	ug/l #	80
32) 1,1,1-Trichloroethane	5.49	97	179527	44.656	ug/l #	93
36) 1,1-Dichloropropene	5.80	75	149109	48.161	ug/l	93
37) Ethyl Acetate	4.83	43	149696	46.470	ug/l #	92
38) Carbon Tetrachloride	5.78	117	165364	47.188	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	208070	49.354	ug/l #	81
40) Benzene	6.14	78	464828	48.553	ug/l	98
41) Methacrylonitrile	5.04	41	80422	46.152	ug/l #	83
42) 1,2-Dichloroethane	6.19	62	140825	46.076	ug/l	93
43) Isopropyl Acetate	6.44	43	250827	46.569	ug/l #	89
44) Trichloroethene	7.21	130	139912	48.484	ug/l	83
45) 1,2-Dichloropropane	7.51	63	115445	48.178	ug/l	98
46) Dibromomethane	7.66	93	82317	45.854	ug/l	89
47) Bromodichloromethane	7.90	83	157932	47.081	ug/l #	99
48) Methyl methacrylate	7.77	41	118707	47.126	ug/l #	77
49) 1,4-Dioxane	7.74	88	69017	961.007	ug/l #	78
51) 4-Methyl-2-Pentanone	8.64	43	805223	250.252	ug/l	89
52) Toluene	8.78	92	308040	48.948	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	181874	46.874	ug/l	97
54) cis-1,3-Dichloropropene	8.43	75	198322	47.678	ug/l #	87
55) 1,1,2-Trichloroethane	9.21	97	127418	49.438	ug/l	96
56) Ethyl methacrylate	9.18	69	199692	49.049	ug/l #	81
57) 1,3-Dichloropropane	9.37	76	196136	48.338	ug/l	98
58) 2-Chloroethyl Vinyl ether	8.31	63	469693	244.721	ug/l #	85
59) 2-Hexanone	9.49	43	682380	265.986	ug/l	88
60) Dibromochloromethane	9.58	129	148522	48.719	ug/l	99
61) 1,2-Dibromoethane	9.67	107	138296	48.179	ug/l	100
64) Tetrachloroethene	9.34	164	127780	49.730	ug/l	95
65) Chlorobenzene	10.13	112	352022	49.302	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	132712	48.332	ug/l	100
67) Ethyl Benzene	10.25	91	602609	49.577	ug/l	95
68) m/p-Xylenes	10.36	106	474185	100.812	ug/l	89
69) o-Xylene	10.69	106	231448	49.501	ug/l	89
70) Styrene	10.71	104	399111	50.399	ug/l	95
71) Bromoform	10.85	173	123738	49.019	ug/l #	97
73) Isopropylbenzene	11.02	105	613375	46.670	ug/l	95
74) N-amyl acetate	10.90	43	237934	45.797	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	11.27	83	202656	45.045	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	166517m	44.217	ug/l	
77) Bromobenzene	11.26	156	167434	46.326	ug/l	81
78) n-propylbenzene	11.36	91	698190	47.717	ug/l	95
79) 2-Chlorotoluene	11.42	91	405555	46.150	ug/l	90
80) 1,3,5-Trimethylbenzene	11.51	105	514290	46.459	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	76499	44.882	ug/l #	82
82) 4-Chlorotoluene	11.51	91	465394	46.620	ug/l	91
83) tert-Butylbenzene	11.77	119	526692	47.008	ug/l	93
84) 1,2,4-Trimethylbenzene	11.80	105	525649	47.010	ug/l	95
85) sec-Butylbenzene	11.94	105	622838	47.715	ug/l	96
86) p-Isopropyltoluene	12.06	119	579142	48.532	ug/l	96
87) 1,3-Dichlorobenzene	12.02	146	305532	47.993	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	299442	46.660	ug/l	98
89) n-Butylbenzene	12.38	91	511006	49.748	ug/l	98
90) Hexachloroethane	12.60	117	107571	45.252	ug/l	99
91) 1,2-Dichlorobenzene	12.39	146	294279	47.548	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	12.99	75	42360	40.012	ug/l	63

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	216228	47.729	ug/l	99
94) Hexachlorobutadiene	13.78	225	103728	51.483	ug/l	100
95) Naphthalene	13.83	128	660174	46.292	ug/l	99
96) 1,2,3-Trichlorobenzene	14.02	180	213185	47.593	ug/l	99

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

