

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX070119\
 Data File : VX010577.D
 Acq On : 01 Jul 2019 09:36
 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
 7/2/2019 9:55:03 AM

Quant Time: Jul 02 05:11:12 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	260421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	378504	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	343389	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	178215	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	120474	49.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.68%	
35) Dibromofluoromethane	5.49	113	117955	50.93	ug/l	-0.01
Spiked Amount	50.000		Recovery	=	101.86%	
50) Toluene-d8	8.71	98	439132	49.56	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.12%	
62) 4-Bromofluorobenzene	11.13	95	159537	49.88	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.76%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80999	44.738	ug/l	99
3) Chloromethane	1.32	50	90510	42.931	ug/l	100
4) Vinyl Chloride	1.41	62	99699	43.175	ug/l	99
5) Bromomethane	1.64	94	53923	47.932	ug/l	99
6) Chloroethane	1.71	64	64059	47.021	ug/l	95
7) Trichlorofluoromethane	1.92	101	179384	49.005	ug/l	98
8) Diethyl Ether	2.19	74	64701	49.287	ug/l	100
9) 1,1,2-Trichlorotrifluoroet	2.38	101	107378	48.405	ug/l	100
10) Methyl Iodide	2.51	142	153119	48.366	ug/l	98
11) Tert butyl alcohol	3.05	59	129734	203.054	ug/l	98
12) 1,1-Dichloroethene	2.37	96	102681	45.489	ug/l	98
13) Acrolein	2.29	56	108543	256.094	ug/l	98
14) Allyl chloride	2.73	41	154093	48.084	ug/l	99
15) Acrylonitrile	3.14	53	304874	241.011	ug/l	100
16) Acetone	2.44	43	357458	292.110	ug/l	96
17) Carbon Disulfide	2.57	76	246327	40.675	ug/l	99
18) Methyl Acetate	2.77	43	120717	49.496	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	350449	49.351	ug/l	100
20) Methylene Chloride	2.85	84	120073	47.680	ug/l	99
21) trans-1,2-Dichloroethene	3.16	96	112806	46.466	ug/l	98
22) Diisopropyl ether	3.85	45	328135	48.973	ug/l	91
23) Vinyl Acetate	3.81	43	1449432	250.407	ug/l	100
24) 1,1-Dichloroethane	3.70	63	186477	48.148	ug/l	99
25) 2-Butanone	4.67	43	467282	260.320	ug/l	100
26) 2,2-Dichloropropane	4.58	77	165668	49.241	ug/l	100
27) cis-1,2-Dichloroethene	4.59	96	133384	47.545	ug/l	98
28) Bromochloromethane	5.01	49	86075	46.483	ug/l	98
29) Tetrahydrofuran	5.12	42	260268	234.085	ug/l	99
30) Chloroform	5.20	83	200826	48.193	ug/l	98
31) Cyclohexane	5.57	56	162869	46.179	ug/l	94
32) 1,1,1-Trichloroethane	5.49	97	180711	49.112	ug/l	100
36) 1,1-Dichloropropene	5.79	75	146263	48.628	ug/l	98
37) Ethyl Acetate	4.83	43	155127	50.133	ug/l	100
38) Carbon Tetrachloride	5.78	117	162537	49.903	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	190872	48.277	ug/l	98
40) Benzene	6.13	78	455580	48.617	ug/l	99
41) Methacrylonitrile	5.04	41	83996	49.474	ug/l	99
42) 1,2-Dichloroethane	6.19	62	149084	52.265	ug/l	98
43) Isopropyl Acetate	6.44	43	258234	50.442	ug/l	98
44) Trichloroethene	7.21	130	138311	49.327	ug/l	99
45) 1,2-Dichloropropane	7.51	63	116966	49.428	ug/l	98
46) Dibromomethane	7.66	93	84436	49.732	ug/l	99
47) Bromodichloromethane	7.90	83	159777	51.351	ug/l	99
48) Methyl methacrylate	7.76	41	120920	50.815	ug/l	99
49) 1,4-Dioxane	7.74	88	60699	885.468	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	820550	250.610	ug/l	99
52) Toluene	8.78	92	301910	48.924	ug/l	100
53) t-1,3-Dichloropropene	9.04	75	177860	50.986	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	193441	51.028	ug/l	100
55) 1,1,2-Trichloroethane	9.21	97	128189	50.368	ug/l	99
56) Ethyl methacrylate	9.18	69	195061	50.594	ug/l	97
57) 1,3-Dichloropropane	9.37	76	196252	49.676	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	471526	257.520	ug/l	100
59) 2-Hexanone	9.49	43	661811	256.822	ug/l	99
60) Dibromochloromethane	9.58	129	146429	51.386	ug/l	100
61) 1,2-Dibromoethane	9.67	107	137814	50.168	ug/l	99
64) Tetrachloroethene	9.34	164	135802	48.895	ug/l	97
65) Chlorobenzene	10.13	112	345934	49.622	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	132511	52.183	ug/l	99
67) Ethyl Benzene	10.25	91	590299	50.156	ug/l	100
68) m/p-Xylenes	10.35	106	461096	101.110	ug/l	100
69) o-Xylene	10.69	106	223992	49.946	ug/l	100
70) Styrene	10.71	104	386757	51.424	ug/l	99
71) Bromoform	10.85	173	113533	51.412	ug/l #	98
73) Isopropylbenzene	11.02	105	601533	49.793	ug/l	99
74) N-amyl acetate	10.90	43	231316	50.665	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	192258	48.055	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	164882m	50.771	ug/l	
77) Bromobenzene	11.25	156	163375	48.432	ug/l	98
78) n-propylbenzene	11.36	91	677842	51.053	ug/l	100
79) 2-Chlorotoluene	11.42	91	389859	49.310	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	500613	50.267	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	67851	48.741	ug/l	96
82) 4-Chlorotoluene	11.51	91	457125	50.811	ug/l	100
83) tert-Butylbenzene	11.77	119	503545	50.375	ug/l	99
84) 1,2,4-Trimethylbenzene	11.80	105	505336	50.504	ug/l	99
85) sec-Butylbenzene	11.94	105	603418	51.414	ug/l	99
86) p-Isopropyltoluene	12.06	119	556479	51.261	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	292618	49.695	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	292545	48.801	ug/l	100
89) n-Butylbenzene	12.38	91	491141	53.241	ug/l	100
90) Hexachloroethane	12.59	117	94837	50.522	ug/l	100
91) 1,2-Dichlorobenzene	12.39	146	281829	48.158	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	41179	47.738	ug/l	93

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	204144	50.301	ug/l	100
94) Hexachlorobutadiene	13.78	225	100906	50.873	ug/l	99
95) Naphthalene	13.83	128	620087	49.719	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	206225	51.107	ug/l	99

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

