

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010575.D
 Acq On : 29 Jun 2019 07:45
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 54 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleID :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 10:40:37 AM

Quant Time: Jul 01 04:04:42 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	5.67	168	223545	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	341678	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	310467	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	163981	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	106117	50.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.26%	
35) Dibromofluoromethane	5.50	113	103809	49.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.32%	
50) Toluene-d8	8.71	98	383632	47.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.94%	
62) 4-Bromofluorobenzene	11.13	95	142934	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69010	44.404	ug/l	100
3) Chloromethane	1.32	50	80614	44.545	ug/l	98
4) Vinyl Chloride	1.41	62	87755	44.272	ug/l	99
5) Bromomethane	1.64	94	46073	47.710	ug/l	98
6) Chloroethane	1.71	64	57735	49.369	ug/l	98
7) Trichlorofluoromethane	1.92	101	154471	49.160	ug/l	99
8) Diethyl Ether	2.19	74	56691	50.309	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	89006	46.742	ug/l	98
10) Methyl Iodide	2.51	142	133251	49.033	ug/l	98
11) Tert butyl alcohol	3.05	59	143147	261.006	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90964	46.946	ug/l	98
13) Acrolein	2.29	56	97937	269.188	ug/l	97
14) Allyl chloride	2.73	41	126894	46.128	ug/l	99
15) Acrylonitrile	3.14	53	287200	264.492	ug/l	100
16) Acetone	2.45	43	236317	224.972	ug/l	97
17) Carbon Disulfide	2.57	76	201441	38.750	ug/l	100
18) Methyl Acetate	2.78	43	114382	54.635	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	308624	50.630	ug/l	100
20) Methylene Chloride	2.85	84	106645	49.333	ug/l	98
21) trans-1,2-Dichloroethene	3.17	96	97728	46.896	ug/l	99
22) Diisopropyl ether	3.85	45	292917	50.929	ug/l	98
23) Vinyl Acetate	3.81	43	1235989	248.757	ug/l	99
24) 1,1-Dichloroethane	3.70	63	165622	49.818	ug/l	98
25) 2-Butanone	4.67	43	392323	254.615	ug/l	99
26) 2,2-Dichloropropane	4.58	77	75164	26.026	ug/l	95
27) cis-1,2-Dichloroethene	4.60	96	116059	48.194	ug/l	96
28) Bromochloromethane	5.02	49	77675	48.867	ug/l	98
29) Tetrahydrofuran	5.13	42	250116	262.063	ug/l	99
30) Chloroform	5.21	83	179140	50.080	ug/l	95
31) Cyclohexane	5.57	56	140163	46.297	ug/l	92
32) 1,1,1-Trichloroethane	5.49	97	155088	49.102	ug/l	99
36) 1,1-Dichloropropene	5.80	75	124275	45.771	ug/l	100
37) Ethyl Acetate	4.83	43	145623	52.134	ug/l	99
38) Carbon Tetrachloride	5.79	117	134856	45.867	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	152534	42.739	ug/l	98
40) Benzene	6.14	78	401841	47.504	ug/l	97
41) Methacrylonitrile	5.04	41	78120	50.972	ug/l	98
42) 1,2-Dichloroethane	6.19	62	132063	51.288	ug/l	99
43) Isopropyl Acetate	6.45	43	233459	50.517	ug/l	99
44) Trichloroethene	7.21	130	119307	47.135	ug/l	100
45) 1,2-Dichloropropane	7.51	63	104744	49.034	ug/l	99
46) Dibromomethane	7.66	93	74999	48.935	ug/l	98
47) Bromodichloromethane	7.90	83	134751	47.976	ug/l	100
48) Methyl methacrylate	7.77	41	111299	51.813	ug/l	99
49) 1,4-Dioxane	7.74	88	67028	1083.181	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	786954	266.253	ug/l	98
52) Toluene	8.79	92	264724	47.522	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	135339	42.979	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	151937	44.399	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	115791	50.400	ug/l	97
56) Ethyl methacrylate	9.18	69	174775	50.219	ug/l	97
57) 1,3-Dichloropropane	9.37	76	177906	49.885	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	394614	238.743	ug/l	100
59) 2-Hexanone	9.49	43	609112	261.848	ug/l	99
60) Dibromochloromethane	9.58	129	121899	47.388	ug/l	100
61) 1,2-Dibromoethane	9.67	107	121664	49.062	ug/l	99
64) Tetrachloroethene	9.34	164	127021	50.583	ug/l	99
65) Chlorobenzene	10.14	112	304472	48.305	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.22	131	112379	48.948	ug/l	99
67) Ethyl Benzene	10.25	91	517720	48.653	ug/l	99
68) m/p-Xylenes	10.36	106	400965	97.248	ug/l	100
69) o-Xylene	10.69	106	198266	48.898	ug/l	100
70) Styrene	10.71	104	340624	50.093	ug/l	99
71) Bromoform	10.85	173	93234	46.697	ug/l	100
73) Isopropylbenzene	11.02	105	525128	47.241	ug/l	98
74) N-amyl acetate	10.90	43	219139	52.164	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	180478	49.026	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	146296m	48.958	ug/l	
77) Bromobenzene	11.26	156	144569	46.577	ug/l	99
78) n-propylbenzene	11.36	91	581753	47.619	ug/l	100
79) 2-Chlorotoluene	11.42	91	346663	47.652	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	437379	47.729	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	46118	36.005	ug/l	92
82) 4-Chlorotoluene	11.51	91	397796	48.055	ug/l	99
83) tert-Butylbenzene	11.77	119	429534	46.701	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	443136	48.132	ug/l	100
85) sec-Butylbenzene	11.94	105	512135	47.424	ug/l	100
86) p-Isopropyltoluene	12.06	119	474394	47.492	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	253327	46.757	ug/l	100
88) 1,4-Dichlorobenzene	12.10	146	251011	45.507	ug/l	99
89) n-Butylbenzene	12.38	91	397189	46.794	ug/l	100
90) Hexachloroethane	12.60	117	77707	44.990	ug/l	95
91) 1,2-Dichlorobenzene	12.39	146	255061	47.367	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	13.00	75	37960	47.826	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	174439	46.713	ug/l	99
94) Hexachlorobutadiene	13.78	225	82274	45.080	ug/l	100
95) Naphthalene	13.83	128	564574	49.198	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	178029	47.950	ug/l	99

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

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