

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX042919\
 Data File : VX009231.D
 Acq On : 30 Apr 2019 00:32
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 4/30/2019 11:04:12 AM

Quant Time: Apr 30 09:19:49 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X042919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 30 07:03:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	183109	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	305559	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	274625	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	134148	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.06	65	131472	52.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	105.20%	
35) Dibromofluoromethane	5.50	113	97478	50.75	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.50%	
50) Toluene-d8	8.71	98	392412	50.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.20%	
62) 4-Bromofluorobenzene	11.13	95	141811	50.33	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.66%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85196	50.490	ug/l	99
3) Chloromethane	1.32	50	113851	49.421	ug/l	100
4) Vinyl Chloride	1.40	62	114501	50.971	ug/l	98
5) Bromomethane	1.64	94	69604	51.623	ug/l	98
6) Chloroethane	1.71	64	72496	50.265	ug/l	99
7) Trichlorofluoromethane	1.92	101	138910	50.871	ug/l	100
8) Diethyl Ether	2.18	74	64682	50.008	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.38	101	85096	49.626	ug/l	99
10) Methyl Iodide	2.51	142	96108	48.400	ug/l	99
11) Tert butyl alcohol	3.05	59	145042	250.674	ug/l	99
12) 1,1-Dichloroethene	2.37	96	89351	52.006	ug/l	95
13) Acrolein	2.29	56	124697	237.968	ug/l	100
14) Allyl chloride	2.73	41	207008	49.441	ug/l	100
15) Acrylonitrile	3.14	53	357823	252.924	ug/l	99
16) Acetone	2.44	43	300091	223.579	ug/l	98
17) Carbon Disulfide	2.57	76	245796	50.956	ug/l	99
18) Methyl Acetate	2.77	43	159224	49.881	ug/l	99
19) Methyl tert-butyl Ether	3.19	73	343946	51.552	ug/l	99
20) Methylene Chloride	2.85	84	105407	48.502	ug/l	96
21) trans-1,2-Dichloroethene	3.17	96	94779	50.867	ug/l	100
22) Diisopropyl ether	3.85	45	413282	51.326	ug/l	98
23) Vinyl Acetate	3.81	43	1824975	264.677	ug/l	100
24) 1,1-Dichloroethane	3.70	63	200848	50.564	ug/l	100
25) 2-Butanone	4.67	43	522572	250.542	ug/l	99
26) 2,2-Dichloropropane	4.58	77	118117	39.950	ug/l	98
27) cis-1,2-Dichloroethene	4.59	96	113422	50.998	ug/l	97
28) Bromochloromethane	5.01	49	89311	56.194	ug/l	100
29) Tetrahydrofuran	5.13	42	351626	261.981	ug/l	100
30) Chloroform	5.21	83	183466	51.068	ug/l	100
31) Cyclohexane	5.58	56	189195	51.195	ug/l	99
32) 1,1,1-Trichloroethane	5.49	97	153710	51.397	ug/l	99
36) 1,1-Dichloropropene	5.80	75	139398	49.091	ug/l	100
37) Ethyl Acetate	4.83	43	201139	50.839	ug/l	100
38) Carbon Tetrachloride	5.79	117	126824	49.157	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	165736	47.526	ug/l	98
40) Benzene	6.14	78	433775	49.359	ug/l	100
41) Methacrylonitrile	5.04	41	115989	49.250	ug/l	99
42) 1,2-Dichloroethane	6.19	62	156061	49.505	ug/l	100
43) Isopropyl Acetate	6.45	43	318670	50.355	ug/l	100
44) Trichloroethene	7.21	130	101769	47.902	ug/l	97
45) 1,2-Dichloropropane	7.51	63	124039	49.846	ug/l	99
46) Dibromomethane	7.66	93	69789	48.295	ug/l	99
47) Bromodichloromethane	7.90	83	143164	49.667	ug/l	98
48) Methyl methacrylate	7.77	41	159100	50.673	ug/l	100
49) 1,4-Dioxane	7.74	88	58966	926.076	ug/l	98
51) 4-Methyl-2-Pentanone	8.64	43	1031466	249.361	ug/l	100
52) Toluene	8.79	92	262880	49.210	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	160748	49.395	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	177219	49.199	ug/l	98
55) 1,1,2-Trichloroethane	9.21	97	106739	48.976	ug/l	95
56) Ethyl methacrylate	9.18	69	198290	50.970	ug/l	100
57) 1,3-Dichloropropane	9.37	76	189566	49.428	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	533428	258.467	ug/l	100
59) 2-Hexanone	9.49	43	806149	248.145	ug/l	99
60) Dibromochloromethane	9.58	129	107927	50.704	ug/l	100
61) 1,2-Dibromoethane	9.67	107	109158	49.618	ug/l	99
64) Tetrachloroethene	9.34	164	92630	49.172	ug/l	99
65) Chlorobenzene	10.13	112	268866	48.940	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	98905	49.658	ug/l	100
67) Ethyl Benzene	10.25	91	503180	49.768	ug/l	100
68) m/p-Xylenes	10.36	106	364053	98.533	ug/l	98
69) o-Xylene	10.69	106	179965	49.368	ug/l	100
70) Styrene	10.71	104	316329	49.926	ug/l	99
71) Bromoform	10.85	173	80666	49.838	ug/l #	100
73) Isopropylbenzene	11.02	105	475343	48.728	ug/l	99
74) N-amyl acetate	10.90	43	293224	51.558	ug/l	100
75) 1,1,2,2-Tetrachloroethane	11.27	83	179144	49.262	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	151369m	48.644	ug/l	
77) Bromobenzene	11.26	156	118634	48.997	ug/l	99
78) n-propylbenzene	11.36	91	546676	49.070	ug/l	100
79) 2-Chlorotoluene	11.42	91	330972	48.153	ug/l	100
80) 1,3,5-Trimethylbenzene	11.51	105	401314	48.858	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	57044	46.905	ug/l	100
82) 4-Chlorotoluene	11.51	91	375971	48.419	ug/l	100
83) tert-Butylbenzene	11.77	119	387057	48.441	ug/l	100
84) 1,2,4-Trimethylbenzene	11.80	105	407675	49.448	ug/l	100
85) sec-Butylbenzene	11.94	105	459473	48.503	ug/l	100
86) p-Isopropyltoluene	12.06	119	418419	49.131	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	209350	48.502	ug/l	99
88) 1,4-Dichlorobenzene	12.10	146	208494	47.912	ug/l	99
89) n-Butylbenzene	12.38	91	372454	48.387	ug/l	100
90) Hexachloroethane	12.60	117	71453	49.247	ug/l	96
91) 1,2-Dichlorobenzene	12.39	146	215467	49.010	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	42585	52.201	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	150307	49.996	ug/l	98
94) Hexachlorobutadiene	13.78	225	72875	47.468	ug/l	99
95) Naphthalene	13.83	128	502484	51.373	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	153010	50.209	ug/l	100

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

