

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX032019\
 Data File : VX008281.D
 Acq On : 21 Mar 2019 08:15
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 3/22/2019 2:51:11 PM

Quant Time: Mar 22 08:30:48 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 19 13:15:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	228674	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	397026	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	348885	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164955	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178931	51.95	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.90%	
35) Dibromofluoromethane	5.50	113	138454	52.09	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.18%	
50) Toluene-d8	8.71	98	512091	50.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.64%	
62) 4-Bromofluorobenzene	11.13	95	178770	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	144828	52.238	ug/l	99
3) Chloromethane	1.33	50	158921	45.682	ug/l	100
4) Vinyl Chloride	1.41	62	171021	49.306	ug/l	94
5) Bromomethane	1.64	94	168155	56.913	ug/l	99
6) Chloroethane	1.72	64	198196	91.134	ug/l	92
7) Trichlorofluoromethane	1.93	101	222279	50.215	ug/l	98
8) Diethyl Ether	2.19	74	126340	55.474	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.39	101	148542	50.542	ug/l	91
10) Methyl Iodide	2.51	142	223257	59.661	ug/l	96
11) Tert butyl alcohol	3.05	59	218665	296.583	ug/l	99
12) 1,1-Dichloroethene	2.37	96	153838	55.445	ug/l	91
13) Acrolein	2.30	56	37507	64.496	ug/l	98
14) Allyl chloride	2.73	41	325280	53.855	ug/l	94
15) Acrylonitrile	3.15	53	548079	281.049	ug/l	98
16) Acetone	2.45	43	492664	252.217	ug/l	97
17) Carbon Disulfide	2.57	76	477930	52.733	ug/l	99
18) Methyl Acetate	2.78	43	275357	60.891	ug/l	99
19) Methyl tert-butyl Ether	3.20	73	577376	57.552	ug/l	100
20) Methylene Chloride	2.86	84	175555	53.897	ug/l	95
21) trans-1,2-Dichloroethene	3.17	96	162786	54.308	ug/l	94
22) Diisopropyl ether	3.86	45	667606	56.436	ug/l	90
23) Vinyl Acetate	3.82	43	2923600	288.269	ug/l	98
24) 1,1-Dichloroethane	3.70	63	343484	56.456	ug/l	99
25) 2-Butanone	4.68	43	809789	280.846	ug/l	99
26) 2,2-Dichloropropane	4.59	77	159079	34.708	ug/l	100
27) cis-1,2-Dichloroethene	4.60	96	188634	55.204	ug/l	95
28) Bromochloromethane	5.02	49	144019	52.716	ug/l	84
29) Tetrahydrofuran	5.13	42	534815	296.708	ug/l	98
30) Chloroform	5.21	83	326099	57.299	ug/l	100
31) Cyclohexane	5.59	56	305430	53.460	ug/l	94
32) 1,1,1-Trichloroethane	5.50	97	272744	57.611	ug/l	97
36) 1,1-Dichloropropene	5.80	75	242313	52.421	ug/l	97
37) Ethyl Acetate	4.84	43	309398	56.623	ug/l	98
38) Carbon Tetrachloride	5.79	117	239639	58.185	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	265835	47.790	ug/l	94
40) Benzene	6.15	78	735736	53.776	ug/l	100
41) Methacrylonitrile	5.04	41	171914	56.089	ug/l	98
42) 1,2-Dichloroethane	6.20	62	272195	54.310	ug/l	95
43) Isopropyl Acetate	6.45	43	500582	57.154	ug/l	97
44) Trichloroethene	7.21	130	184682	55.207	ug/l	91
45) 1,2-Dichloropropane	7.52	63	206261	53.855	ug/l	99
46) Dibromomethane	7.66	93	126966	54.752	ug/l	87
47) Bromodichloromethane	7.90	83	264122	59.765	ug/l	99
48) Methyl methacrylate	7.77	41	257442	55.281	ug/l	94
49) 1,4-Dioxane	7.74	88	94078	1144.770	ug/l	93
51) 4-Methyl-2-Pentanone	8.64	43	1610985	284.511	ug/l	98
52) Toluene	8.79	92	436885	53.826	ug/l	98
53) t-1,3-Dichloropropene	9.04	75	273052	49.355	ug/l	99
54) cis-1,3-Dichloropropene	8.43	75	294470	53.690	ug/l	94
55) 1,1,2-Trichloroethane	9.21	97	185448	56.549	ug/l	97
56) Ethyl methacrylate	9.18	69	303896	52.801	ug/l #	92
57) 1,3-Dichloropropane	9.37	76	324339	55.908	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.31	63	654423	243.559	ug/l	94
59) 2-Hexanone	9.49	43	1225872	281.210	ug/l	96
60) Dibromochloromethane	9.59	129	201272	63.862	ug/l	100
61) 1,2-Dibromoethane	9.67	107	193138	56.403	ug/l	100
64) Tetrachloroethene	9.34	164	149183	47.396	ug/l	96
65) Chlorobenzene	10.14	112	459686	53.548	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.22	131	176616	59.007	ug/l	98
67) Ethyl Benzene	10.25	91	824508	54.503	ug/l	97
68) m/p-Xylenes	10.36	106	606638	109.165	ug/l	94
69) o-Xylene	10.70	106	297957	55.179	ug/l	96
70) Styrene	10.71	104	487643	55.568	ug/l	96
71) Bromoform	10.85	173	154056	59.307	ug/l #	99
73) Isopropylbenzene	11.02	105	786507	53.492	ug/l	99
74) N-amyl acetate	10.90	43	433870	56.321	ug/l	97
75) 1,1,2,2-Tetrachloroethane	11.27	83	296687	56.273	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	244827m	52.770	ug/l	
77) Bromobenzene	11.26	156	189393	53.275	ug/l	86
78) n-propylbenzene	11.36	91	918025	53.757	ug/l	96
79) 2-Chlorotoluene	11.42	91	543477	53.022	ug/l	95
80) 1,3,5-Trimethylbenzene	11.51	105	645204	53.115	ug/l	97
81) trans-1,4-Dichloro-2-buten	11.07	75	84094	46.316	ug/l	96
82) 4-Chlorotoluene	11.51	91	628662	52.707	ug/l	95
83) tert-Butylbenzene	11.77	119	656123	56.575	ug/l	96
84) 1,2,4-Trimethylbenzene	11.80	105	662301	53.781	ug/l	98
85) sec-Butylbenzene	11.94	105	762248	53.074	ug/l	97
86) p-Isopropyltoluene	12.06	119	654984	52.686	ug/l	97
87) 1,3-Dichlorobenzene	12.02	146	334139	52.593	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	332883	50.654	ug/l	98
89) n-Butylbenzene	12.38	91	588018	50.395	ug/l	97
90) Hexachloroethane	12.60	117	129134	60.991	ug/l	86
91) 1,2-Dichlorobenzene	12.39	146	339784	53.042	ug/l	97
92) 1,2-Dibromo-3-Chloropropan	13.00	75	68560	58.547	ug/l	79

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	220239	52.195	ug/l	99
94) Hexachlorobutadiene	13.78	225	103941	50.508	ug/l	99
95) Naphthalene	13.83	128	759120	57.001	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	226051	54.445	ug/l	99

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

