

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\WX100919\
 Data File : VX012957.D
 Acq On : 09 Oct 2019 21:11
 Operator : JC/SP
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

MMDadoda
 10/10/2019 9:04:25 AM

Quant Time: Oct 10 06:57:00 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169121	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	288217	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	261459	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	119728	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.05	65	110281	52.17	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.34%	
35) Dibromofluoromethane	5.49	113	85468	51.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.34%	
50) Toluene-d8	8.71	98	329561	51.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.16%	
62) 4-Bromofluorobenzene	11.14	95	128328	51.19	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.38%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.19	85	89120	51.697	ug/l	98
3) Chloromethane	1.32	50	97898	52.181	ug/l	96
4) Vinyl Chloride	1.40	62	99398	51.330	ug/l	99
5) Bromomethane	1.63	94	37374	46.430	ug/l	99
6) Chloroethane	1.71	64	61037	51.590	ug/l	99
7) Trichlorofluoromethane	1.92	101	138113	52.843	ug/l	96
8) Diethyl Ether	2.18	74	54386	51.552	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.37	101	87734	51.867	ug/l	99
10) Methyl Iodide	2.50	142	92348	48.374	ug/l	99
11) Tert butyl alcohol	3.03	59	139067	248.180	ug/l	98
12) 1,1-Dichloroethene	2.36	96	88061	51.526	ug/l	97
13) Acrolein	2.28	56	93627	235.117	ug/l	97
14) Allyl chloride	2.72	41	156774	51.510	ug/l	100
15) Acrylonitrile	3.13	53	281960	265.524	ug/l	100
16) Acetone	2.44	43	245570	220.404	ug/l	97
17) Carbon Disulfide	2.56	76	234650	48.151	ug/l	99
18) Methyl Acetate	2.76	43	136395	51.647	ug/l	100
19) Methyl tert-butyl Ether	3.19	73	315865	53.519	ug/l	99
20) Methylene Chloride	2.84	84	100786	49.220	ug/l	96
21) trans-1,2-Dichloroethene	3.16	96	93194	50.876	ug/l	99
22) Diisopropyl ether	3.84	45	312264	53.542	ug/l	95
23) Vinyl Acetate	3.80	43	1356442	269.420	ug/l	99
24) 1,1-Dichloroethane	3.69	63	173139	52.771	ug/l	99
25) 2-Butanone	4.66	43	387833	250.899	ug/l	100
26) 2,2-Dichloropropane	4.57	77	134519	48.756	ug/l	99
27) cis-1,2-Dichloroethene	4.59	96	109506	51.862	ug/l	99
28) Bromochloromethane	5.00	49	53682	54.791	ug/l	98
29) Tetrahydrofuran	5.12	42	249936	262.754	ug/l	99
30) Chloroform	5.20	83	174307	51.776	ug/l	98
31) Cyclohexane	5.57	56	156161	50.901	ug/l	100
32) 1,1,1-Trichloroethane	5.48	97	154378	54.120	ug/l	98
36) 1,1-Dichloropropene	5.79	75	131625	51.943	ug/l	99
37) Ethyl Acetate	4.82	43	146437	51.680	ug/l	99
38) Carbon Tetrachloride	5.78	117	129463	52.489	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	161523	52.561	ug/l	99
40) Benzene	6.14	78	396366	52.960	ug/l	99
41) Methacrylonitrile	5.03	41	82193	52.790	ug/l	99
42) 1,2-Dichloroethane	6.18	62	142169	52.938	ug/l	99
43) Isopropyl Acetate	6.43	43	240225	52.821	ug/l	100
44) Trichloroethene	7.20	130	101738	49.021	ug/l	93
45) 1,2-Dichloropropane	7.51	63	101318	53.116	ug/l	100
46) Dibromomethane	7.65	93	67436	53.062	ug/l	100
47) Bromodichloromethane	7.89	83	135250	54.533	ug/l	98
48) Methyl methacrylate	7.76	41	118435	53.440	ug/l	99
49) 1,4-Dioxane	7.73	88	59037	992.910	ug/l	99
51) 4-Methyl-2-Pentanone	8.64	43	752107	265.246	ug/l	99
52) Toluene	8.78	92	252068	52.645	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	144832	46.933	ug/l	100
54) cis-1,3-Dichloropropene	8.43	75	161843	53.057	ug/l	99
55) 1,1,2-Trichloroethane	9.21	97	100456	53.015	ug/l	98
56) Ethyl methacrylate	9.17	69	164987	48.675	ug/l	99
57) 1,3-Dichloropropane	9.37	76	173398	52.901	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	368606	264.802	ug/l	99
59) 2-Hexanone	9.48	43	581275	263.347	ug/l	100
60) Dibromochloromethane	9.58	129	101468	48.190	ug/l	99
61) 1,2-Dibromoethane	9.67	107	104817	52.585	ug/l	99
64) Tetrachloroethene	9.33	164	94294	51.996	ug/l	96
65) Chlorobenzene	10.14	112	261101	50.287	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.21	131	94767	52.641	ug/l	99
67) Ethyl Benzene	10.25	91	478951	51.931	ug/l	99
68) m/p-Xylenes	10.35	106	363170	105.405	ug/l	99
69) o-Xylene	10.70	106	174609	51.968	ug/l	98
70) Styrene	10.71	104	303021	53.051	ug/l	99
71) Bromoform	10.85	173	68539	45.024	ug/l #	99
73) Isopropylbenzene	11.01	105	468654	53.240	ug/l	100
74) N-amyl acetate	10.89	43	207187	54.651	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.26	83	154680	52.832	ug/l	99
76) 1,2,3-Trichloropropane	11.29	75	144419m	54.384	ug/l	
77) Bromobenzene	11.25	156	107964	52.048	ug/l	97
78) n-propylbenzene	11.35	91	518910	53.572	ug/l	99
79) 2-Chlorotoluene	11.42	91	323450	53.134	ug/l	99
80) 1,3,5-Trimethylbenzene	11.50	105	405343	55.147	ug/l	96
81) trans-1,4-Dichloro-2-buten	11.07	75	47950	46.723	ug/l	98
82) 4-Chlorotoluene	11.51	91	374483	53.671	ug/l	99
83) tert-Butylbenzene	11.76	119	380403	53.054	ug/l	98
84) 1,2,4-Trimethylbenzene	11.80	105	402928	54.127	ug/l	99
85) sec-Butylbenzene	11.94	105	452464	54.469	ug/l	99
86) p-Isopropyltoluene	12.06	119	411896	53.464	ug/l	100
87) 1,3-Dichlorobenzene	12.02	146	197832	51.358	ug/l	99
88) 1,4-Dichlorobenzene	12.09	146	199338	51.097	ug/l	99
89) n-Butylbenzene	12.39	91	349233	53.936	ug/l	99
90) Hexachloroethane	12.59	117	69746	48.927	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	196558	52.050	ug/l	98
92) 1,2-Dibromo-3-Chloropropan	12.99	75	36691	53.468	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.64	180	125790	53.175	ug/l	100
94) Hexachlorobutadiene	13.78	225	55743	51.059	ug/l	99
95) Naphthalene	13.83	128	443047	54.028	ug/l	100
96) 1,2,3-Trichlorobenzene	14.01	180	126537	51.762	ug/l	99

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

