

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034292.D
 Acq On : 05 Sep 2019 18:38
 Operator : JC/SP
 Sample : VU0906WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:22:18 PM

Quant Time: Sep 06 08:21:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U090619W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 06 05:10:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	314373	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	467001	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	467378	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	305028	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	246830	51.89	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.78%	
35) Dibromofluoromethane	4.86	113	212608	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
50) Toluene-d8	7.55	98	846687	51.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.72%	
62) 4-Bromofluorobenzene	10.29	95	312722	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	62254	18.934	ug/l	97
3) Chloromethane	1.32	50	75181	21.115	ug/l	98
4) Vinyl Chloride	1.40	62	78438	19.145	ug/l	99
5) Bromomethane	1.62	94	48529	20.858	ug/l	99
6) Chloroethane	1.69	64	50257	20.514	ug/l	99
7) Trichlorofluoromethane	1.88	101	106440	19.376	ug/l	100
8) Diethyl Ether	2.10	74	48195	19.945	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	71439	19.634	ug/l	99
10) Methyl Iodide	2.40	142	43567	15.927	ug/l	98
11) Tert butyl alcohol	2.81	59	101007	100.516	ug/l	97
12) 1,1-Dichloroethene	2.27	96	66670	19.492	ug/l	98
13) Acrolein	2.18	56	64057	75.843	ug/l	96
14) Allyl chloride	2.58	41	127103m	19.437	ug/l	
15) Acrylonitrile	2.92	53	261737	104.594	ug/l	97
16) Acetone	2.31	43	214012	86.944	ug/l	99
17) Carbon Disulfide	2.47	76	140307	18.252	ug/l	100
18) Methyl Acetate	2.60	43	115713	19.319	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	263001	21.096	ug/l	98
20) Methylene Chloride	2.69	84	86897	21.324	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	73030	20.261	ug/l	97
22) Diisopropyl ether	3.55	45	271913	21.323	ug/l	95
23) Vinyl Acetate	3.51	43	1106132	106.487	ug/l	100
24) 1,1-Dichloroethane	3.43	63	150143	19.715	ug/l	100
25) 2-Butanone	4.24	43	334632	101.843	ug/l	100
26) 2,2-Dichloropropane	4.20	77	116721	19.056	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	90235	20.613	ug/l	99
28) Bromochloromethane	4.53	49	71062	20.287	ug/l	100
29) Tetrahydrofuran	4.62	42	213725	106.894	ug/l	99
30) Chloroform	4.65	83	154246	19.926	ug/l	98
31) Cyclohexane	4.97	56	111819	20.070	ug/l	95
32) 1,1,1-Trichloroethane	4.89	97	125865	20.337	ug/l	99
36) 1,1-Dichloropropene	5.12	75	96912	19.135	ug/l	99
37) Ethyl Acetate	4.36	43	120247	20.081	ug/l	99
38) Carbon Tetrachloride	5.11	117	105433	19.497	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	105329	19.454	ug/l	98
40) Benzene	5.37	78	326243	19.963	ug/l	100
41) Methacrylonitrile	4.52	41	67451	21.147	ug/l	99
42) 1,2-Dichloroethane	5.38	62	111434	19.639	ug/l	100
43) Isopropyl Acetate	5.53	43	188229	20.150	ug/l	98
44) Trichloroethene	6.17	130	89453	19.780	ug/l	96
45) 1,2-Dichloropropane	6.41	63	94882	19.860	ug/l	99
46) Dibromomethane	6.54	93	59498	19.840	ug/l	99
47) Bromodichloromethane	6.74	83	119981	19.436	ug/l	98
48) Methyl methacrylate	6.60	41	86824	19.569	ug/l	98
49) 1,4-Dioxane	6.59	88	36608	377.859	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	653184	101.017	ug/l	100
52) Toluene	7.62	92	205445	20.040	ug/l	97
53) t-1,3-Dichloropropene	7.86	75	123304	19.269	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	140329	19.981	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	90067	19.348	ug/l	100
56) Ethyl methacrylate	8.00	69	130301	20.367	ug/l	98
57) 1,3-Dichloropropane	8.22	76	148348	19.571	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	203792	96.126	ug/l	98
59) 2-Hexanone	8.34	43	483984	100.194	ug/l	100
60) Dibromochloromethane	8.46	129	99086	19.845	ug/l	100
61) 1,2-Dibromoethane	8.57	107	90208	19.799	ug/l	99
64) Tetrachloroethene	8.21	164	78758	19.424	ug/l	98
65) Chlorobenzene	9.10	112	235586	19.868	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	87931	19.431	ug/l	99
67) Ethyl Benzene	9.23	91	392130	20.226	ug/l	99
68) m/p-Xylenes	9.36	106	299303	40.996	ug/l	98
69) o-Xylene	9.76	106	147656	20.681	ug/l	100
70) Styrene	9.77	104	262536	20.973	ug/l	99
71) Bromoform	9.94	173	76261	19.445	ug/l #	100
73) Isopropylbenzene	10.15	105	404491	20.377	ug/l	100
74) N-amyl acetate	10.00	43	160654	20.106	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	157584	19.612	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	127199m	19.104	ug/l	
77) Bromobenzene	10.43	156	110292	19.871	ug/l	100
78) n-propylbenzene	10.57	91	468693	20.444	ug/l	100
79) 2-Chlorotoluene	10.64	91	284656	20.350	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	355310	21.402	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.49	75	41068m	20.743	ug/l	
82) 4-Chlorotoluene	10.75	91	329663	20.479	ug/l	99
83) tert-Butylbenzene	11.08	119	337602	20.328	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	350319	20.963	ug/l	99
85) sec-Butylbenzene	11.30	105	411486	20.987	ug/l	99
86) p-Isopropyltoluene	11.46	119	374777	20.709	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	198721	19.620	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	205707	19.472	ug/l	98
89) n-Butylbenzene	11.87	91	321038	20.414	ug/l	99
90) Hexachloroethane	12.12	117	53900	18.616	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	199825	20.075	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29970	20.298	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	125645	19.654	ug/l	99
94) Hexachlorobutadiene	13.67	225	64830	18.619	ug/l	99
95) Naphthalene	13.73	128	342271	19.467	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	129939	20.290	ug/l	98

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

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