

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090619\
 Data File : VU034282.D
 Acq On : 05 Sep 2019 14:35
 Operator : JC/SP
 Sample : VU0906WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0906WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/6/2019 3:21:57 PM

Quant Time: Sep 06 07:56:12 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	332568	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	480662	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	477374	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	310764	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	243580	48.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.82%	
35) Dibromofluoromethane	4.86	113	215349	48.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.30%	
50) Toluene-d8	7.55	98	842409	50.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.26%	
62) 4-Bromofluorobenzene	10.29	95	311362	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	65338	18.785	ug/l	98
3) Chloromethane	1.32	50	78463	20.830	ug/l	99
4) Vinyl Chloride	1.40	62	79868	18.427	ug/l	98
5) Bromomethane	1.62	94	49910	20.149	ug/l	97
6) Chloroethane	1.69	64	53424	20.619	ug/l	99
7) Trichlorofluoromethane	1.88	101	110869	19.078	ug/l	99
8) Diethyl Ether	2.09	74	50835	19.886	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	74014	19.229	ug/l	99
10) Methyl Iodide	2.40	142	49299	16.769	ug/l	99
11) Tert butyl alcohol	2.81	59	109176	102.701	ug/l	99
12) 1,1-Dichloroethene	2.27	96	70092	19.371	ug/l	97
13) Acrolein	2.18	56	73837	82.640	ug/l	99
14) Allyl chloride	2.58	41	134821m	19.490	ug/l	
15) Acrylonitrile	2.92	53	269979	101.985	ug/l	99
16) Acetone	2.31	43	232616	89.332	ug/l	99
17) Carbon Disulfide	2.47	76	150951	18.562	ug/l	99
18) Methyl Acetate	2.60	43	118175	18.651	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	268014	20.322	ug/l	100
20) Methylene Chloride	2.69	84	89255	20.693	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	73114	19.175	ug/l	99
22) Diisopropyl ether	3.55	45	280682	20.806	ug/l	91
23) Vinyl Acetate	3.51	43	1142243	103.947	ug/l	100
24) 1,1-Dichloroethane	3.43	63	157225	19.516	ug/l	100
25) 2-Butanone	4.24	43	350646	100.878	ug/l	98
26) 2,2-Dichloropropane	4.21	77	124061	19.147	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	94521	20.410	ug/l	99
28) Bromochloromethane	4.52	49	66693	17.998	ug/l	99
29) Tetrahydrofuran	4.62	42	222514	105.201	ug/l	99
30) Chloroform	4.65	83	155198	18.952	ug/l	98
31) Cyclohexane	4.97	56	117268	19.897	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	127117	19.415	ug/l	99
36) 1,1-Dichloropropene	5.12	75	102617	19.685	ug/l	98
37) Ethyl Acetate	4.36	43	124938	20.271	ug/l	99
38) Carbon Tetrachloride	5.11	117	107299	19.278	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	111477	20.005	ug/l	99
40) Benzene	5.37	78	333486	19.826	ug/l	99
41) Methacrylonitrile	4.52	41	68895	20.986	ug/l	99
42) 1,2-Dichloroethane	5.38	62	116677	19.979	ug/l	100
43) Isopropyl Acetate	5.53	43	192374	20.009	ug/l	100
44) Trichloroethene	6.17	130	92260	19.821	ug/l	99
45) 1,2-Dichloropropane	6.41	63	98639	20.059	ug/l	98
46) Dibromomethane	6.54	93	60786	19.693	ug/l	99
47) Bromodichloromethane	6.74	83	123292	19.405	ug/l	100
48) Methyl methacrylate	6.60	41	92491	20.254	ug/l	99
49) 1,4-Dioxane	6.59	88	41949	420.681	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	680154	102.199	ug/l	99
52) Toluene	7.62	92	213504	20.234	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	127972	19.430	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	143987	19.919	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	94406	19.704	ug/l	98
56) Ethyl methacrylate	8.00	69	134789	20.454	ug/l	100
57) 1,3-Dichloropropane	8.22	76	153806	19.714	ug/l	97
58) 2-Chloroethyl Vinyl ether	7.11	63	210790	96.519	ug/l	100
59) 2-Hexanone	8.34	43	507883	102.153	ug/l	100
60) Dibromochloromethane	8.46	129	99594	19.380	ug/l	96
61) 1,2-Dibromoethane	8.57	107	92769	19.782	ug/l	98
64) Tetrachloroethene	8.21	164	82499	19.920	ug/l	95
65) Chlorobenzene	9.10	112	243582	20.112	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	89634	19.393	ug/l	98
67) Ethyl Benzene	9.23	91	404524	20.428	ug/l	98
68) m/p-Xylenes	9.36	106	313364	42.024	ug/l	99
69) o-Xylene	9.76	106	149461	20.495	ug/l	97
70) Styrene	9.77	104	271662	21.247	ug/l	99
71) Bromoform	9.94	173	78102	19.497	ug/l #	99
73) Isopropylbenzene	10.15	105	419430	20.739	ug/l	100
74) N-amyl acetate	10.00	43	171578	21.077	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	160533	19.610	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	128873m	18.998	ug/l	
77) Bromobenzene	10.43	156	115995	20.513	ug/l	99
78) n-propylbenzene	10.57	91	484831	20.758	ug/l	100
79) 2-Chlorotoluene	10.64	91	296861	20.831	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	364778	21.567	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	44484m	22.053	ug/l	
82) 4-Chlorotoluene	10.75	91	338514	20.641	ug/l	99
83) tert-Butylbenzene	11.08	119	351355	20.765	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	365871	21.489	ug/l	99
85) sec-Butylbenzene	11.31	105	424321	21.242	ug/l	100
86) p-Isopropyltoluene	11.46	119	390285	21.168	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	208724	20.228	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	213830	19.867	ug/l	99
89) n-Butylbenzene	11.87	91	340300	21.239	ug/l	99
90) Hexachloroethane	12.12	117	56815	19.261	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	206316	20.344	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	31267	20.786	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	139178	21.068	ug/l	97
94) Hexachlorobutadiene	13.67	225	69843	19.689	ug/l	99
95) Naphthalene	13.73	128	384946	21.078	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	135488	20.704	ug/l	98

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

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