

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034319.D
 Acq On : 06 Sep 2019 10:31
 Operator : JC/SP
 Sample : VU0907WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBS01

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 10:48:40 AM

Quant Time: Sep 06 13:02:32 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	288427	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	424198	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	419243	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	277271	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	224848	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
35) Dibromofluoromethane	4.86	113	198689	50.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.68%	
50) Toluene-d8	7.54	98	777486	52.43	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.86%	
62) 4-Bromofluorobenzene	10.29	95	286276	50.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.00%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56773	18.821	ug/l	98
3) Chloromethane	1.32	50	66896	20.476	ug/l	96
4) Vinyl Chloride	1.40	62	68719	18.281	ug/l	99
5) Bromomethane	1.62	94	42662	19.792	ug/l	99
6) Chloroethane	1.69	64	45684	20.315	ug/l	98
7) Trichlorofluoromethane	1.88	101	96770	19.200	ug/l	98
8) Diethyl Ether	2.09	74	43211	19.491	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	64439	19.304	ug/l	98
10) Methyl Iodide	2.40	142	41625	16.427	ug/l	98
11) Tert butyl alcohol	2.81	59	89349	96.913	ug/l	100
12) 1,1-Dichloroethene	2.27	96	61623	19.637	ug/l	96
13) Acrolein	2.18	56	59410	76.669	ug/l	99
14) Allyl chloride	2.58	41	97853	16.310	ug/l	90
15) Acrylonitrile	2.92	53	231870	100.994	ug/l	97
16) Acetone	2.31	43	223766	99.084	ug/l	99
17) Carbon Disulfide	2.47	76	124750	17.688	ug/l	98
18) Methyl Acetate	2.60	43	103894	18.907	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	228610	19.987	ug/l	99
20) Methylene Chloride	2.69	84	77562	20.734	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	63768	19.283	ug/l	97
22) Diisopropyl ether	3.55	45	242597	20.735	ug/l #	90
23) Vinyl Acetate	3.50	43	960519	100.787	ug/l	99
24) 1,1-Dichloroethane	3.43	63	134686	19.277	ug/l	100
25) 2-Butanone	4.24	43	308596	102.368	ug/l	100
26) 2,2-Dichloropropane	4.20	77	110461	19.657	ug/l	100
27) cis-1,2-Dichloroethene	4.21	96	81974	20.410	ug/l	97
28) Bromochloromethane	4.52	49	65813	20.479	ug/l	100
29) Tetrahydrofuran	4.62	42	189553	103.333	ug/l	100
30) Chloroform	4.65	83	137030	19.294	ug/l	100
31) Cyclohexane	4.97	56	99082	19.384	ug/l	100
32) 1,1,1-Trichloroethane	4.89	97	110416	19.445	ug/l	98
36) 1,1-Dichloropropene	5.12	75	86344	18.768	ug/l	99
37) Ethyl Acetate	4.36	43	107874	19.833	ug/l	99
38) Carbon Tetrachloride	5.11	117	94514	19.241	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	92932	18.897	ug/l	97
40) Benzene	5.37	78	293285	19.757	ug/l	99
41) Methacrylonitrile	4.52	41	57711	19.919	ug/l	99
42) 1,2-Dichloroethane	5.38	62	100697	19.538	ug/l	100
43) Isopropyl Acetate	5.53	43	165497	19.504	ug/l	99
44) Trichloroethene	6.17	130	79111	19.259	ug/l	98
45) 1,2-Dichloropropane	6.41	63	85934	19.802	ug/l	99
46) Dibromomethane	6.54	93	53184	19.524	ug/l	98
47) Bromodichloromethane	6.74	83	107259	19.129	ug/l	98
48) Methyl methacrylate	6.60	41	77823	19.310	ug/l	99
49) 1,4-Dioxane	6.59	88	34367	390.521	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	580285	98.799	ug/l	100
52) Toluene	7.62	92	183239	19.678	ug/l	98
53) t-1,3-Dichloropropene	7.86	75	111543	19.190	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	125498	19.672	ug/l	100
55) 1,1,2-Trichloroethane	8.05	97	84075	19.883	ug/l	98
56) Ethyl methacrylate	8.00	69	112440	19.502	ug/l	100
57) 1,3-Dichloropropane	8.22	76	133306	19.361	ug/l	100
58) 2-Chloroethyl Vinyl ether	7.11	63	186287	96.630	ug/l	99
59) 2-Hexanone	8.34	43	434956	99.130	ug/l	99
60) Dibromochloromethane	8.46	129	87411	19.273	ug/l	94
61) 1,2-Dibromoethane	8.57	107	80678	19.494	ug/l	98
64) Tetrachloroethene	8.21	164	70663	19.428	ug/l	97
65) Chlorobenzene	9.10	112	211059	19.843	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	79172	19.504	ug/l	100
67) Ethyl Benzene	9.23	91	344114	19.787	ug/l	99
68) m/p-Xylenes	9.36	106	266832	40.745	ug/l	100
69) o-Xylene	9.76	106	129562	20.230	ug/l	99
70) Styrene	9.77	104	232392	20.696	ug/l	99
71) Bromoform	9.94	173	69598	19.784	ug/l #	99
73) Isopropylbenzene	10.15	105	359130	19.903	ug/l	100
74) N-amyl acetate	10.00	43	140614	19.360	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	141076	19.315	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	120980m	19.989	ug/l	
77) Bromobenzene	10.43	156	98397	19.502	ug/l	100
78) n-propylbenzene	10.57	91	417264	20.023	ug/l	99
79) 2-Chlorotoluene	10.64	91	253369	19.926	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	310107	20.549	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	37770m	20.987	ug/l	
82) 4-Chlorotoluene	10.75	91	292492	19.989	ug/l	100
83) tert-Butylbenzene	11.08	119	301059	19.942	ug/l	100
84) 1,2,4-Trimethylbenzene	11.13	105	308692	20.321	ug/l	99
85) sec-Butylbenzene	11.30	105	360439	20.223	ug/l	100
86) p-Isopropyltoluene	11.46	119	334442	20.331	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	180106	19.563	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	183777	19.138	ug/l	100
89) n-Butylbenzene	11.87	91	282965	19.794	ug/l	99
90) Hexachloroethane	12.12	117	50001	18.998	ug/l	100
91) 1,2-Dichlorobenzene	11.86	146	175941	19.445	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	25787	19.213	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	108860	18.895	ug/l	100
94) Hexachlorobutadiene	13.67	225	61360	19.387	ug/l	99
95) Naphthalene	13.73	128	295429	18.685	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	111881	19.359	ug/l	98

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

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