

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090419\
 Data File : VU034225.D
 Acq On : 03 Sep 2019 14:38
 Operator : JC/SP
 Sample : VU0904WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0904WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/4/2019 4:57:58 PM

Quant Time: Sep 04 05:35:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 29 04:11:12 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	380974	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	617701	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	587844	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	320287	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	242161	49.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.22%	
35) Dibromofluoromethane	4.86	113	207948	48.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.08%	
50) Toluene-d8	7.55	98	792245	49.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.78%	
62) 4-Bromofluorobenzene	10.29	95	293645	47.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.12%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	69649	18.178	ug/l	100
3) Chloromethane	1.32	50	90070	16.188	ug/l	99
4) Vinyl Chloride	1.40	62	91650	17.972	ug/l	99
5) Bromomethane	1.62	94	52318	17.543	ug/l	100
6) Chloroethane	1.69	64	57138	18.327	ug/l	99
7) Trichlorofluoromethane	1.88	101	113703	19.243	ug/l	99
8) Diethyl Ether	2.09	74	49879	19.733	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.28	101	72237	19.298	ug/l	99
10) Methyl Iodide	2.40	142	55348	10.423	ug/l	99
11) Tert butyl alcohol	2.81	59	86722	77.037	ug/l	99
12) 1,1-Dichloroethene	2.27	96	73388	19.242	ug/l	98
13) Acrolein	2.19	56	21743	45.914	ug/l	97
14) Allyl chloride	2.58	41	132972m	18.543	ug/l	
15) Acrylonitrile	2.92	53	250290	96.893	ug/l	99
16) Acetone	2.31	43	206844	83.043	ug/l	99
17) Carbon Disulfide	2.47	76	197808	16.387	ug/l	99
18) Methyl Acetate	2.60	43	122784	19.076	ug/l	98
19) Methyl tert-butyl Ether	2.98	73	247869	19.835	ug/l	99
20) Methylene Chloride	2.69	84	89216	18.920	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	80054	19.340	ug/l	99
22) Diisopropyl ether	3.55	45	266964	20.317	ug/l	98
23) Vinyl Acetate	3.51	43	1089786	96.547	ug/l	100
24) 1,1-Dichloroethane	3.43	63	153464	19.782	ug/l	99
25) 2-Butanone	4.24	43	321207	92.691	ug/l	100
26) 2,2-Dichloropropane	4.21	77	113854	18.036	ug/l	99
27) cis-1,2-Dichloroethene	4.21	96	90018	19.376	ug/l	98
28) Bromochloromethane	4.52	49	68566	17.940	ug/l	99
29) Tetrahydrofuran	4.62	42	207638	97.160	ug/l	99
30) Chloroform	4.65	83	152459	19.697	ug/l	99
31) Cyclohexane	4.97	56	129210	17.725	ug/l	94
32) 1,1,1-Trichloroethane	4.89	97	124262	19.602	ug/l	99
36) 1,1-Dichloropropene	5.12	75	105693	18.090	ug/l	100
37) Ethyl Acetate	4.36	43	119066	18.198	ug/l	99
38) Carbon Tetrachloride	5.11	117	106279	18.845	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	120176	17.451	ug/l	98
40) Benzene	5.37	78	337607	19.098	ug/l	100
41) Methacrylonitrile	4.52	41	63234	18.845	ug/l	97
42) 1,2-Dichloroethane	5.39	62	116012	19.005	ug/l	98
43) Isopropyl Acetate	5.53	43	182023	18.287	ug/l	100
44) Trichloroethene	6.17	130	90479	19.491	ug/l	98
45) 1,2-Dichloropropane	6.41	63	93772	19.270	ug/l	100
46) Dibromomethane	6.54	93	59948	19.122	ug/l	100
47) Bromodichloromethane	6.74	83	116787	19.040	ug/l	100
48) Methyl methacrylate	6.60	41	86373	17.982	ug/l	97
49) 1,4-Dioxane	6.59	88	32216	267.692	ug/l	96
51) 4-Methyl-2-Pentanone	7.44	43	626802	91.182	ug/l	100
52) Toluene	7.62	92	212291	19.495	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	123564	18.156	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	137177	18.449	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	87547	19.006	ug/l	98
56) Ethyl methacrylate	8.00	69	121590	16.576	ug/l	99
57) 1,3-Dichloropropane	8.22	76	148566	18.996	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	206813	81.158	ug/l	100
59) 2-Hexanone	8.34	43	468489	90.279	ug/l	98
60) Dibromochloromethane	8.46	129	92708	18.750	ug/l	99
61) 1,2-Dibromoethane	8.57	107	88867	18.315	ug/l	100
64) Tetrachloroethene	8.21	164	78779	19.955	ug/l	100
65) Chlorobenzene	9.10	112	230224	19.031	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	82022	18.698	ug/l	100
67) Ethyl Benzene	9.23	91	388239	18.933	ug/l	100
68) m/p-Xylenes	9.36	106	299054	38.353	ug/l	100
69) o-Xylene	9.76	106	143537	19.188	ug/l	99
70) Styrene	9.77	104	250630	19.540	ug/l	99
71) Bromoform	9.94	173	68245	17.906	ug/l #	100
73) Isopropylbenzene	10.15	105	386662	17.973	ug/l	100
74) N-amyl acetate	10.00	43	155498	17.185	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	146833	17.832	ug/l	99
76) 1,2,3-Trichloropropane	10.48	75	128213m	17.761	ug/l	
77) Bromobenzene	10.43	156	104256	18.015	ug/l	99
78) n-propylbenzene	10.57	91	451018	18.002	ug/l	99
79) 2-Chlorotoluene	10.64	91	274865	18.290	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	338856	18.584	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	38683m	18.044	ug/l	
82) 4-Chlorotoluene	10.75	91	317382	18.364	ug/l	100
83) tert-Butylbenzene	11.08	119	314696	17.532	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	332636	18.372	ug/l	99
85) sec-Butylbenzene	11.30	105	383191	17.811	ug/l	99
86) p-Isopropyltoluene	11.46	119	352190	18.100	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	187327	18.284	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	190980	18.432	ug/l	98
89) n-Butylbenzene	11.87	91	299084	17.434	ug/l	100
90) Hexachloroethane	12.12	117	51474	15.301	ug/l	99
91) 1,2-Dichlorobenzene	11.86	146	185132	18.863	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	27272	16.625	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	118018	17.643	ug/l	98
94) Hexachlorobutadiene	13.67	225	59802	15.576	ug/l	97
95) Naphthalene	13.73	128	317091	17.083	ug/l	100
96) 1,2,3-Trichlorobenzene	13.97	180	115935	18.441	ug/l	98

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

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