

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090219\
 Data File : VU034136.D
 Acq On : 31 Aug 2019 21:30
 Operator : JC/SP
 Sample : VU0902WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0902WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/3/2019 11:32:24 AM

Quant Time: Sep 01 05:11:23 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	406669	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	652150	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	623802	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	333811	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	259673	49.83	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.66%	
35) Dibromofluoromethane	4.86	113	218222	48.24	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.48%	
50) Toluene-d8	7.55	98	854612	50.46	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.92%	
62) 4-Bromofluorobenzene	10.29	95	313810	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85425	20.887	ug/l	100
3) Chloromethane	1.32	50	107941	18.442	ug/l	98
4) Vinyl Chloride	1.40	62	111260	20.439	ug/l	98
5) Bromomethane	1.62	94	63533	20.862	ug/l	98
6) Chloroethane	1.69	64	69227	20.802	ug/l	100
7) Trichlorofluoromethane	1.88	101	134205	21.278	ug/l	98
8) Diethyl Ether	2.09	74	58206	21.572	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.28	101	83199	20.822	ug/l	97
10) Methyl Iodide	2.40	142	61729	10.890	ug/l	97
11) Tert butyl alcohol	2.81	59	118509	98.623	ug/l	100
12) 1,1-Dichloroethene	2.27	96	86801	21.321	ug/l	99
13) Acrolein	2.18	56	30981	61.288	ug/l	99
14) Allyl chloride	2.58	41	157399m	20.563	ug/l	
15) Acrylonitrile	2.92	53	302698	109.777	ug/l	100
16) Acetone	2.31	43	252318	94.900	ug/l	99
17) Carbon Disulfide	2.47	76	244424	18.970	ug/l	100
18) Methyl Acetate	2.60	43	143625	20.904	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	295436	22.148	ug/l	100
20) Methylene Chloride	2.69	84	104720	20.805	ug/l	99
21) trans-1,2-Dichloroethene	2.97	96	93655	21.197	ug/l	97
22) Diisopropyl ether	3.55	45	311720	22.224	ug/l	97
23) Vinyl Acetate	3.50	43	1288303	106.923	ug/l	100
24) 1,1-Dichloroethane	3.43	63	181154	21.876	ug/l	100
25) 2-Butanone	4.24	43	394763	106.719	ug/l	97
26) 2,2-Dichloropropane	4.21	77	116853	17.342	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	107720	21.721	ug/l	97
28) Bromochloromethane	4.53	49	81579	19.996	ug/l	100
29) Tetrahydrofuran	4.61	42	256252	112.331	ug/l	99
30) Chloroform	4.65	83	175983	21.300	ug/l	98
31) Cyclohexane	4.97	56	156928	20.168	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	146658	21.673	ug/l	99
36) 1,1-Dichloropropene	5.12	75	125800	20.394	ug/l	100
37) Ethyl Acetate	4.36	43	144449	20.912	ug/l	100
38) Carbon Tetrachloride	5.11	117	123083	20.672	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	139322	19.163	ug/l	99
40) Benzene	5.37	78	391745	20.990	ug/l	100
41) Methacrylonitrile	4.52	41	77759	21.950	ug/l	98
42) 1,2-Dichloroethane	5.38	62	137262	21.299	ug/l	98
43) Isopropyl Acetate	5.53	43	220003	20.935	ug/l	99
44) Trichloroethene	6.17	130	107991	22.035	ug/l	96
45) 1,2-Dichloropropane	6.41	63	109305	21.276	ug/l	99
46) Dibromomethane	6.54	93	69560	21.016	ug/l	99
47) Bromodichloromethane	6.74	83	137384	21.215	ug/l	98
48) Methyl methacrylate	6.60	41	102961	20.304	ug/l	97
49) 1,4-Dioxane	6.59	88	44580	350.860	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	758880	104.565	ug/l	100
52) Toluene	7.62	92	249356	21.689	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	140103	19.498	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	158636	20.208	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	102573	21.092	ug/l	100
56) Ethyl methacrylate	8.00	69	148551	19.030	ug/l	98
57) 1,3-Dichloropropane	8.22	76	174400	21.121	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	222668	82.764	ug/l	99
59) 2-Hexanone	8.34	43	574264	104.816	ug/l	99
60) Dibromochloromethane	8.46	129	108683	20.820	ug/l	99
61) 1,2-Dibromoethane	8.57	107	106840	20.856	ug/l	98
64) Tetrachloroethene	8.21	164	97574	23.292	ug/l	98
65) Chlorobenzene	9.10	112	271985	21.187	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	95367	20.487	ug/l	99
67) Ethyl Benzene	9.23	91	462592	21.258	ug/l	99
68) m/p-Xylenes	9.36	106	354256	42.814	ug/l	99
69) o-Xylene	9.76	106	168805	21.265	ug/l	100
70) Styrene	9.77	104	295807	21.733	ug/l	99
71) Bromoform	9.94	173	80392	19.878	ug/l #	97
73) Isopropylbenzene	10.15	105	457577	20.408	ug/l	100
74) N-amyl acetate	10.00	43	190097	20.158	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	172225	20.068	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	148318m	19.714	ug/l	
77) Bromobenzene	10.43	156	122996	20.392	ug/l	98
78) n-propylbenzene	10.57	91	534892	20.484	ug/l	100
79) 2-Chlorotoluene	10.64	91	328346	20.964	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	399747	21.035	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	38119m	17.061	ug/l	
82) 4-Chlorotoluene	10.75	91	376711	20.913	ug/l	99
83) tert-Butylbenzene	11.08	119	366915	19.613	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	398819	21.134	ug/l	100
85) sec-Butylbenzene	11.31	105	451118	20.119	ug/l	100
86) p-Isopropyltoluene	11.46	119	414627	20.446	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	223999	20.978	ug/l	99
88) 1,4-Dichlorobenzene	11.49	146	225042	20.839	ug/l	98
89) n-Butylbenzene	11.87	91	358966	20.077	ug/l	99
90) Hexachloroethane	12.12	117	58900	16.799	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	220348	21.542	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	33883	19.818	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	139825	19.904	ug/l	99
94) Hexachlorobutadiene	13.67	225	67769	16.936	ug/l	99
95) Naphthalene	13.73	128	406679	20.609	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	145539	22.211	ug/l	98

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

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