

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU090519\
 Data File : VU034249.D
 Acq On : 04 Sep 2019 11:51
 Operator : JC/SP
 Sample : VU0905WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0905WBSD01

Quant Time: Sep 05 04:42:10 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	372666	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	582443	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	561456	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	304376	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	233908	48.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.96%	
35) Dibromofluoromethane	4.86	113	201212	49.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.62%	
50) Toluene-d8	7.55	98	773367	51.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.26%	
62) 4-Bromofluorobenzene	10.29	95	288804	49.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.16%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.20	85	67934	18.126	ug/l	98
3) Chloromethane	1.32	50	89228	16.422	ug/l	97
4) Vinyl Chloride	1.40	62	91823	18.407	ug/l	98
5) Bromomethane	1.62	94	51563	17.725	ug/l	98
6) Chloroethane	1.69	64	57599	18.887	ug/l	97
7) Trichlorofluoromethane	1.88	101	113181	19.582	ug/l	100
8) Diethyl Ether	2.09	74	50086	20.256	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	73696	20.126	ug/l	98
10) Methyl Iodide	2.40	142	55496	10.684	ug/l	98
11) Tert butyl alcohol	2.81	59	102960	93.501	ug/l	99
12) 1,1-Dichloroethene	2.27	96	73603	19.729	ug/l	99
13) Acrolein	2.18	56	23211	50.107	ug/l	99
14) Allyl chloride	2.58	41	136400m	19.446	ug/l	
15) Acrylonitrile	2.92	53	260468	103.081	ug/l	100
16) Acetone	2.31	43	230392	94.559	ug/l	99
17) Carbon Disulfide	2.47	76	195843	16.586	ug/l	98
18) Methyl Acetate	2.60	43	126396	20.075	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	252652	20.669	ug/l	100
20) Methylene Chloride	2.69	84	92091	19.965	ug/l	95
21) trans-1,2-Dichloroethene	2.97	96	78444	19.374	ug/l	98
22) Diisopropyl ether	3.55	45	268682	20.904	ug/l	95
23) Vinyl Acetate	3.50	43	1104294	100.013	ug/l	100
24) 1,1-Dichloroethane	3.43	63	156833	20.667	ug/l	99
25) 2-Butanone	4.24	43	346337	102.171	ug/l	99
26) 2,2-Dichloropropane	4.20	77	119446	19.344	ug/l	98
27) cis-1,2-Dichloroethene	4.21	96	91062	20.037	ug/l	97
28) Bromochloromethane	4.52	49	76877	20.562	ug/l	98
29) Tetrahydrofuran	4.62	42	220726	105.586	ug/l	99
30) Chloroform	4.65	83	152563	20.150	ug/l	98
31) Cyclohexane	4.97	56	128567	18.030	ug/l	93
32) 1,1,1-Trichloroethane	4.89	97	126920	20.468	ug/l	98
36) 1,1-Dichloropropene	5.12	75	106025	19.245	ug/l	99
37) Ethyl Acetate	4.36	43	126674	20.533	ug/l	99
38) Carbon Tetrachloride	5.12	117	108785	20.457	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	116562	17.951	ug/l	97
40) Benzene	5.37	78	340834	20.448	ug/l	100
41) Methacrylonitrile	4.52	41	65705	20.767	ug/l	98
42) 1,2-Dichloroethane	5.38	62	115295	20.031	ug/l	98
43) Isopropyl Acetate	5.53	43	189278	20.167	ug/l	100
44) Trichloroethene	6.17	130	92073	21.035	ug/l	98
45) 1,2-Dichloropropane	6.41	63	95792	20.877	ug/l	100
46) Dibromomethane	6.54	93	59699	20.195	ug/l	97
47) Bromodichloromethane	6.74	83	119178	20.606	ug/l	98
48) Methyl methacrylate	6.60	41	85240	18.821	ug/l	95
49) 1,4-Dioxane	6.59	88	39585	348.834	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	648787	100.094	ug/l	99
52) Toluene	7.62	92	215082	20.947	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	124820	19.450	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	141131	20.130	ug/l	95
55) 1,1,2-Trichloroethane	8.05	97	88986	20.488	ug/l	99
56) Ethyl methacrylate	8.00	69	127948	18.386	ug/l	98
57) 1,3-Dichloropropane	8.22	76	149765	20.308	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.11	63	195143	81.214	ug/l	100
59) 2-Hexanone	8.34	43	484456	99.007	ug/l	100
60) Dibromochloromethane	8.46	129	94880	20.351	ug/l	100
61) 1,2-Dibromoethane	8.57	107	91841	20.074	ug/l	98
64) Tetrachloroethene	8.21	164	81248	21.548	ug/l	99
65) Chlorobenzene	9.10	112	235422	20.376	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	85201	20.336	ug/l	98
67) Ethyl Benzene	9.23	91	390609	19.943	ug/l	99
68) m/p-Xylenes	9.36	106	304604	40.901	ug/l	99
69) o-Xylene	9.76	106	143816	20.128	ug/l	100
70) Styrene	9.77	104	255653	20.868	ug/l	99
71) Bromoform	9.94	173	72642	19.956	ug/l #	99
73) Isopropylbenzene	10.15	105	396785	19.408	ug/l	99
74) N-amyl acetate	10.00	43	159156	18.509	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.44	83	150732	19.262	ug/l	100
76) 1,2,3-Trichloropropane	10.48	75	133650m	19.482	ug/l	
77) Bromobenzene	10.43	156	107210	19.494	ug/l	99
78) n-propylbenzene	10.57	91	458253	19.246	ug/l	100
79) 2-Chlorotoluene	10.64	91	278939	19.532	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	343741	19.837	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.49	75	34299m	16.835	ug/l	
82) 4-Chlorotoluene	10.75	91	320990	19.543	ug/l	99
83) tert-Butylbenzene	11.08	119	320774	18.804	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	336522	19.558	ug/l	98
85) sec-Butylbenzene	11.30	105	393659	19.254	ug/l	100
86) p-Isopropyltoluene	11.46	119	363790	19.674	ug/l	100
87) 1,3-Dichlorobenzene	11.40	146	194951	20.023	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	196173	19.923	ug/l	99
89) n-Butylbenzene	11.87	91	310399	19.040	ug/l	99
90) Hexachloroethane	12.12	117	53752	16.813	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	187164	20.067	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.64	75	29040	18.628	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	113324	17.816	ug/l	94
94) Hexachlorobutadiene	13.67	225	63365	17.367	ug/l	98
95) Naphthalene	13.73	128	320890	18.075	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	120214	20.121	ug/l	100

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

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