

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU090719\
 Data File : VU034353.D
 Acq On : 07 Sep 2019 00:41
 Operator : JC/SP
 Sample : VU0907WBSD02
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0907WBSD02

Manual Integrations
 APPROVED

MMDadoda
 9/10/2019 1:30:53 PM

Quant Time: Sep 07 05:08:54 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	295798	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	435608	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	427201	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	285360	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	212642	47.51	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.02%	
35) Dibromofluoromethane	4.86	113	191905	47.34	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.68%	
50) Toluene-d8	7.54	98	751021	49.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.64%	
62) 4-Bromofluorobenzene	10.29	95	279885	47.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.20%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	56068	18.124	ug/l	100
3) Chloromethane	1.32	50	66085	19.721	ug/l	98
4) Vinyl Chloride	1.40	62	69762	18.096	ug/l	96
5) Bromomethane	1.62	94	45196	20.598	ug/l	99
6) Chloroethane	1.69	64	46126	19.985	ug/l	100
7) Trichlorofluoromethane	1.88	101	98785	19.111	ug/l	100
8) Diethyl Ether	2.10	74	44032	19.366	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.28	101	64656	18.886	ug/l	99
10) Methyl Iodide	2.40	142	50945	18.860	ug/l	99
11) Tert butyl alcohol	2.81	59	94775	100.237	ug/l	99
12) 1,1-Dichloroethene	2.27	96	62642	19.464	ug/l	96
13) Acrolein	2.19	56	43430	54.650	ug/l	98
14) Allyl chloride	2.58	41	113566m	18.458	ug/l	
15) Acrylonitrile	2.92	53	237988	101.076	ug/l	99
16) Acetone	2.31	43	190335	82.181	ug/l	99
17) Carbon Disulfide	2.47	76	124486	17.210	ug/l	100
18) Methyl Acetate	2.60	43	107737	19.117	ug/l	99
19) Methyl tert-butyl Ether	2.98	73	242582	20.680	ug/l	100
20) Methylene Chloride	2.69	84	79445	20.708	ug/l	98
21) trans-1,2-Dichloroethene	2.97	96	65023	19.173	ug/l	97
22) Diisopropyl ether	3.55	45	243858	20.324	ug/l	92
23) Vinyl Acetate	3.51	43	978732	100.139	ug/l	99
24) 1,1-Dichloroethane	3.43	63	137270	19.157	ug/l	99
25) 2-Butanone	4.24	43	300795	97.293	ug/l	100
26) 2,2-Dichloropropane	4.20	77	91392	15.858	ug/l	98
27) cis-1,2-Dichloroethene	4.21	96	84144	20.428	ug/l	94
28) Bromochloromethane	4.52	49	65054	19.738	ug/l	97
29) Tetrahydrofuran	4.62	42	196845	104.634	ug/l	100
30) Chloroform	4.65	83	142203	19.524	ug/l	98
31) Cyclohexane	4.97	56	102852	19.620	ug/l	99
32) 1,1,1-Trichloroethane	4.89	97	113526	19.495	ug/l	99
36) 1,1-Dichloropropene	5.12	75	90685	19.196	ug/l	99
37) Ethyl Acetate	4.36	43	107693	19.281	ug/l	98
38) Carbon Tetrachloride	5.11	117	94768	18.788	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	95559	18.922	ug/l	98
40) Benzene	5.37	78	296335	19.440	ug/l	99
41) Methacrylonitrile	4.52	41	59472	19.989	ug/l	97
42) 1,2-Dichloroethane	5.38	62	103598	19.574	ug/l	99
43) Isopropyl Acetate	5.53	43	171259	19.655	ug/l	99
44) Trichloroethene	6.17	130	83527	19.801	ug/l	98
45) 1,2-Dichloropropane	6.41	63	86187	19.340	ug/l	97
46) Dibromomethane	6.54	93	54466	19.471	ug/l	98
47) Bromodichloromethane	6.74	83	110584	19.205	ug/l	100
48) Methyl methacrylate	6.60	41	77836	18.808	ug/l	96
49) 1,4-Dioxane	6.59	88	38918	430.651	ug/l	98
51) 4-Methyl-2-Pentanone	7.44	43	590085	97.836	ug/l	98
52) Toluene	7.62	92	191613	20.038	ug/l	99
53) t-1,3-Dichloropropene	7.86	75	112094	18.780	ug/l	100
54) cis-1,3-Dichloropropene	7.25	75	124644	19.026	ug/l	99
55) 1,1,2-Trichloroethane	8.05	97	83417	19.211	ug/l	96
56) Ethyl methacrylate	8.00	69	119957	20.141	ug/l	99
57) 1,3-Dichloropropane	8.22	76	136250	19.270	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	203004	101.527	ug/l	100
59) 2-Hexanone	8.34	43	438680	97.360	ug/l	99
60) Dibromochloromethane	8.46	129	91048	19.549	ug/l	96
61) 1,2-Dibromoethane	8.57	107	83920	19.746	ug/l	99
64) Tetrachloroethene	8.21	164	74481	20.096	ug/l	98
65) Chlorobenzene	9.10	112	221375	20.425	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.19	131	81227	19.638	ug/l	99
67) Ethyl Benzene	9.23	91	363452	20.509	ug/l	100
68) m/p-Xylenes	9.35	106	287528	43.088	ug/l	97
69) o-Xylene	9.76	106	138615	21.240	ug/l	100
70) Styrene	9.77	104	243196	21.255	ug/l	99
71) Bromoform	9.94	173	70951	19.792	ug/l #	98
73) Isopropylbenzene	10.14	105	376144	20.255	ug/l	100
74) N-amyl acetate	9.99	43	148704	19.893	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.44	83	145462	19.351	ug/l	100
76) 1,2,3-Trichloropropane	10.47	75	120197m	19.297	ug/l	
77) Bromobenzene	10.43	156	105118	20.244	ug/l	98
78) n-propylbenzene	10.57	91	434683	20.268	ug/l	100
79) 2-Chlorotoluene	10.64	91	265998	20.327	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	325369	20.949	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	35557m	19.197	ug/l	
82) 4-Chlorotoluene	10.75	91	305206	20.267	ug/l	99
83) tert-Butylbenzene	11.08	119	320661	20.638	ug/l	99
84) 1,2,4-Trimethylbenzene	11.13	105	326608	20.891	ug/l	99
85) sec-Butylbenzene	11.30	105	379875	20.710	ug/l	99
86) p-Isopropyltoluene	11.45	119	348893	20.608	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	190399	20.094	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	194961	19.727	ug/l	99
89) n-Butylbenzene	11.87	91	295147	20.061	ug/l	99
90) Hexachloroethane	12.12	117	50477	18.636	ug/l	97
91) 1,2-Dichlorobenzene	11.86	146	189031	20.299	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	26728	19.350	ug/l	94

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.49	180	120524	20.065	ug/l	99
94) Hexachlorobutadiene	13.67	225	57496	17.651	ug/l	98
95) Naphthalene	13.72	128	344665	20.651	ug/l	99
96) 1,2,3-Trichlorobenzene	13.97	180	121762	20.319	ug/l	99

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

