

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091219\
 Data File : VU034485.D
 Acq On : 11 Sep 2019 19:29
 Operator : JC/SP
 Sample : VU0912WBSD01
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0912WBSD01

Manual Integrations
 APPROVED

MMDadoda
 9/13/2019 6:57:24 AM

Quant Time: Sep 12 05:22:20 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	253494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	359569	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	362318	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	241628	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	200842	52.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.72%	
35) Dibromofluoromethane	4.86	113	179359	53.61	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.22%	
50) Toluene-d8	7.54	98	675069	53.70	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.40%	
62) 4-Bromofluorobenzene	10.29	95	249503	51.41	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	51735	19.514	ug/l	100
3) Chloromethane	1.32	50	61467	21.411	ug/l	97
4) Vinyl Chloride	1.40	62	63714	19.286	ug/l	99
5) Bromomethane	1.62	94	41985	22.719	ug/l	99
6) Chloroethane	1.69	64	43933	22.325	ug/l	98
7) Trichlorofluoromethane	1.88	101	93732	21.160	ug/l	97
8) Diethyl Ether	2.09	74	42711	21.920	ug/l	95
9) 1,1,2-Trichlorotrifluoroet	2.28	101	60911	20.761	ug/l	99
10) Methyl Iodide	2.40	142	41623	18.160	ug/l	99
11) Tert butyl alcohol	2.81	59	80780	99.693	ug/l	96
12) 1,1-Dichloroethene	2.27	96	56498	20.485	ug/l	98
13) Acrolein	2.18	56	38630	56.722	ug/l	98
14) Allyl chloride	2.58	41	103765m	19.679	ug/l	
15) Acrylonitrile	2.92	53	216536	107.312	ug/l	99
16) Acetone	2.31	43	175534	88.438	ug/l	99
17) Carbon Disulfide	2.47	76	110337	17.800	ug/l	98
18) Methyl Acetate	2.60	43	97511	20.190	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	219856	21.870	ug/l	98
20) Methylene Chloride	2.69	84	74504	22.699	ug/l	97
21) trans-1,2-Dichloroethene	2.97	96	59387	20.433	ug/l	99
22) Diisopropyl ether	3.55	45	229874	22.355	ug/l	94
23) Vinyl Acetate	3.51	43	905852	108.149	ug/l	99
24) 1,1-Dichloroethane	3.43	63	133418	21.726	ug/l	100
25) 2-Butanone	4.24	43	266729	100.672	ug/l	100
26) 2,2-Dichloropropane	4.20	77	102205	20.694	ug/l	99
27) cis-1,2-Dichloroethene	4.20	96	75680	21.440	ug/l	99
28) Bromochloromethane	4.52	49	63217	22.382	ug/l	100
29) Tetrahydrofuran	4.62	42	172137	106.770	ug/l	98
30) Chloroform	4.65	83	136875	21.928	ug/l	99
31) Cyclohexane	4.97	56	88601	19.722	ug/l	97
32) 1,1,1-Trichloroethane	4.89	97	109627	21.967	ug/l	99
36) 1,1-Dichloropropene	5.12	75	81502	20.900	ug/l	99
37) Ethyl Acetate	4.36	43	96753	20.985	ug/l	99
38) Carbon Tetrachloride	5.11	117	92079	22.115	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	81202	19.479	ug/l	96
40) Benzene	5.37	78	277825	22.079	ug/l	99
41) Methacrylonitrile	4.52	41	54927	22.366	ug/l	99
42) 1,2-Dichloroethane	5.39	62	100012	22.893	ug/l	100
43) Isopropyl Acetate	5.53	43	155631	21.638	ug/l	99
44) Trichloroethene	6.17	130	77193	22.169	ug/l	96
45) 1,2-Dichloropropane	6.41	63	82995	22.562	ug/l	99
46) Dibromomethane	6.54	93	51028	22.099	ug/l	99
47) Bromodichloromethane	6.74	83	108171	22.759	ug/l	98
48) Methyl methacrylate	6.60	41	70430	20.617	ug/l	98
49) 1,4-Dioxane	6.59	88	25022	335.437	ug/l	97
51) 4-Methyl-2-Pentanone	7.44	43	535354	107.532	ug/l	100
52) Toluene	7.62	92	177219	22.452	ug/l	97
53) t-1,3-Dichloropropene	7.86	75	106588	21.633	ug/l	98
54) cis-1,3-Dichloropropene	7.25	75	119586	22.115	ug/l	98
55) 1,1,2-Trichloroethane	8.04	97	81227	22.663	ug/l	96
56) Ethyl methacrylate	8.00	69	106444	21.421	ug/l	100
57) 1,3-Dichloropropane	8.22	76	129464	22.183	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.11	63	145517	90.353	ug/l	99
59) 2-Hexanone	8.34	43	388029	104.330	ug/l	100
60) Dibromochloromethane	8.46	129	88285	22.965	ug/l	100
61) 1,2-Dibromoethane	8.57	107	77690	22.146	ug/l	98
64) Tetrachloroethene	8.21	164	67744	21.552	ug/l	97
65) Chlorobenzene	9.10	112	205484	22.354	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.19	131	78413	22.352	ug/l	98
67) Ethyl Benzene	9.23	91	323414	21.518	ug/l	100
68) m/p-Xylenes	9.35	106	254249	44.923	ug/l	100
69) o-Xylene	9.76	106	123256	22.269	ug/l	98
70) Styrene	9.77	104	222738	22.953	ug/l	100
71) Bromoform	9.94	173	68019	22.372	ug/l #	99
73) Isopropylbenzene	10.14	105	344725	21.923	ug/l	100
74) N-amyl acetate	9.99	43	131596	20.791	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	136085	21.380	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	114764m	21.759	ug/l	
77) Bromobenzene	10.43	156	96357	21.915	ug/l	98
78) n-propylbenzene	10.57	91	396068	21.809	ug/l	99
79) 2-Chlorotoluene	10.64	91	243800	22.002	ug/l	99
80) 1,3,5-Trimethylbenzene	10.75	105	302892	23.032	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	29061m	18.529	ug/l	
82) 4-Chlorotoluene	10.75	91	281290	22.059	ug/l	100
83) tert-Butylbenzene	11.08	119	288162	21.903	ug/l	99
84) 1,2,4-Trimethylbenzene	11.12	105	294362	22.236	ug/l	99
85) sec-Butylbenzene	11.30	105	343177	22.095	ug/l	99
86) p-Isopropyltoluene	11.45	119	316391	22.070	ug/l	99
87) 1,3-Dichlorobenzene	11.40	146	176602	22.012	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	178824	21.369	ug/l	99
89) n-Butylbenzene	11.87	91	261343	20.978	ug/l	99
90) Hexachloroethane	12.12	117	48073	20.960	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	175414	22.246	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.64	75	24475	20.926	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.48	180	106706	20.823	ug/l	98
94) Hexachlorobutadiene	13.67	225	55074	19.968	ug/l	100
95) Naphthalene	13.72	128	271435	19.484	ug/l	98
96) 1,2,3-Trichlorobenzene	13.97	180	104636	20.582	ug/l	99

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

