

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U091219\
 Data File : VU034546.D
 Acq On : 13 Sep 2019 01:21
 Operator : JC/SP
 Sample : K4756-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 CPA-CPMW09D-M27W1-090319MS

Manual Integrations
 APPROVED

MMDadoda
 9/16/2019 11:15:40 AM

Quant Time: Sep 13 08:31:53 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	236270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.86	114	345949	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	345924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.46	152	233901	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.29	65	192391	53.82	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.64%	
35) Dibromofluoromethane	4.86	113	173935	54.03	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.06%	
50) Toluene-d8	7.54	98	644904	53.32	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.64%	
62) 4-Bromofluorobenzene	10.29	95	251743	53.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	107.82%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	113604	45.974	ug/l	99
3) Chloromethane	1.32	50	137455	51.491	ug/l	99
4) Vinyl Chloride	1.40	62	144681	46.987	ug/l	99
5) Bromomethane	1.60	94	91851	59.590	ug/l	99
6) Chloroethane	1.68	64	94796	53.028	ug/l	97
7) Trichlorofluoromethane	1.87	101	210811	51.060	ug/l	99
8) Diethyl Ether	2.09	74	96672	53.231	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.27	101	136915	50.069	ug/l	98
10) Methyl Iodide	2.40	142	128494	51.255	ug/l	99
11) Tert butyl alcohol	2.81	59	239968	317.740	ug/l	100
12) 1,1-Dichloroethene	2.27	96	131654	51.215	ug/l	97
13) Acrolein	2.18	56	132280	208.392	ug/l	99
14) Allyl chloride	2.58	41	246875m	50.234	ug/l	
15) Acrylonitrile	2.92	53	546036	290.336	ug/l	99
16) Acetone	2.31	43	438684	237.132	ug/l	99
17) Carbon Disulfide	2.46	76	243860	42.208	ug/l	100
18) Methyl Acetate	2.60	43	228947	50.861	ug/l	97
19) Methyl tert-butyl Ether	2.98	73	531428	56.717	ug/l	99
20) Methylene Chloride	2.68	84	172300	56.918	ug/l	98
21) trans-1,2-Dichloroethene	2.96	96	136642	50.441	ug/l	97
22) Diisopropyl ether	3.55	45	539008	56.240	ug/l	98
23) Vinyl Acetate	3.50	43	2056998	263.487	ug/l	99
24) 1,1-Dichloroethane	3.42	63	303963	53.107	ug/l	100
25) 2-Butanone	4.24	43	707844	286.640	ug/l	98
26) 2,2-Dichloropropane	4.20	77	191084	41.510	ug/l	97
27) cis-1,2-Dichloroethene	4.20	96	184840	56.181	ug/l	94
28) Bromochloromethane	4.52	49	147243	55.931	ug/l	97
29) Tetrahydrofuran	4.61	42	440501	293.144	ug/l	99
30) Chloroform	4.65	83	312900	53.783	ug/l	99
31) Cyclohexane	4.97	56	201115	48.030	ug/l	98
32) 1,1,1-Trichloroethane	4.89	97	253333	54.463	ug/l	99
36) 1,1-Dichloropropene	5.12	75	192630	51.343	ug/l	98
37) Ethyl Acetate	4.36	43	234295	52.818	ug/l	98
38) Carbon Tetrachloride	5.11	117	214108	53.447	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.40	83	193180	48.166	ug/l	98
40) Benzene	5.37	78	649717	53.668	ug/l	99
41) Methacrylonitrile	4.52	41	140324	59.388	ug/l	99
42) 1,2-Dichloroethane	5.38	62	226839	53.968	ug/l	99
43) Isopropyl Acetate	5.53	43	375748	54.299	ug/l	100
44) Trichloroethene	6.17	130	178335	53.233	ug/l	99
45) 1,2-Dichloropropane	6.41	63	192070	54.270	ug/l	98
46) Dibromomethane	6.54	93	119943	53.990	ug/l	99
47) Bromodichloromethane	6.73	83	248182	54.272	ug/l	99
48) Methyl methacrylate	6.60	41	185231	56.358	ug/l	99
49) 1,4-Dioxane	6.59	88	92819	1293.290	ug/l	99
51) 4-Methyl-2-Pentanone	7.44	43	1400343	292.348	ug/l	100
52) Toluene	7.62	92	419013	55.174	ug/l	100
53) t-1,3-Dichloropropene	7.86	75	248760	52.477	ug/l	99
54) cis-1,3-Dichloropropene	7.25	75	270937	52.076	ug/l	98
55) 1,1,2-Trichloroethane	8.04	97	190837	55.341	ug/l	99
56) Ethyl methacrylate	8.00	69	280401	53.304	ug/l	98
57) 1,3-Dichloropropane	8.22	76	311966	55.557	ug/l	99
59) 2-Hexanone	8.34	43	1063521	297.208	ug/l	100
60) Dibromochloromethane	8.45	129	211145	57.086	ug/l	99
61) 1,2-Dibromoethane	8.56	107	185629	54.998	ug/l	98
64) Tetrachloroethene	8.21	164	250242	83.384	ug/l	98
65) Chlorobenzene	9.10	112	485288	55.296	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.19	131	189370	56.540	ug/l	99
67) Ethyl Benzene	9.23	91	806797	56.224	ug/l	99
68) m/p-Xylenes	9.35	106	626668	115.974	ug/l	100
69) o-Xylene	9.76	106	308071	58.298	ug/l	99
70) Stvrene	9.77	104	560377	60.483	ug/l	99
71) Bromoform	9.94	173	168175	57.937	ug/l #	99
73) Isopropylbenzene	10.14	105	851755	55.957	ug/l	100
74) N-amyl acetate	9.99	43	331521	54.107	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.43	83	337111	54.713	ug/l	99
76) 1,2,3-Trichloropropane	10.47	75	286161m	56.048	ug/l	
77) Bromobenzene	10.43	156	236054	55.461	ug/l	99
78) n-propylbenzene	10.57	91	969638	55.157	ug/l	100
79) 2-Chlorotoluene	10.64	91	595678	55.534	ug/l	100
80) 1,3,5-Trimethylbenzene	10.75	105	736437	57.848	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.49	75	65630m	43.229	ug/l	
82) 4-Chlorotoluene	10.75	91	687891	55.728	ug/l	100
83) tert-Butylbenzene	11.08	119	722604	56.740	ug/l	98
84) 1,2,4-Trimethylbenzene	11.13	105	737128	57.522	ug/l	100
85) sec-Butylbenzene	11.30	105	847419	56.363	ug/l	100
86) p-Isopropyltoluene	11.45	119	777106	55.999	ug/l	99
87) 1,3-Dichlorobenzene	11.39	146	423894	54.579	ug/l	100
88) 1,4-Dichlorobenzene	11.49	146	425338	52.506	ug/l	100
89) n-Butylbenzene	11.86	91	661198	54.828	ug/l	99
90) Hexachloroethane	12.12	117	116715	52.570	ug/l	98
91) 1,2-Dichlorobenzene	11.86	146	420000	55.025	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.63	75	65731	58.056	ug/l	96
93) 1,2,4-Trichlorobenzene	13.48	180	275818	49.837	ug/l	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.67	225	123010	46.072	ug/l	99
95) Naphthalene	13.72	128	839234	53.531	ug/l	99
96) 1,2,3-Trichlorobenzene	13.96	180	279096	52.081	ug/l	100

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

