

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100418\
 Data File : VU027436.D
 Acq On : 05 Oct 2018 02:13
 Operator : MD/SY
 Sample : J5165-10MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EP-MW-H-092718MS

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:40 PM

Quant Time: Oct 05 08:53:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	123975	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	220778	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	207101	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	105012	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	94931	45.86	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.72%	
35) Dibromofluoromethane	4.88	113	69802	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	7.57	98	266752	47.11	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.22%	
62) 4-Bromofluorobenzene	10.31	95	100237	47.63	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.26%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	86716	48.516	ug/l	98
3) Chloromethane	1.33	50	109819	45.383	ug/l	98
4) Vinyl Chloride	1.40	62	107650	47.325	ug/l #	70
5) Bromomethane	1.62	94	62240	63.234	ug/l	99
6) Chloroethane	1.70	64	73925	54.083	ug/l	100
7) Trichlorofluoromethane	1.88	101	113202	49.047	ug/l	99
8) Diethyl Ether	2.11	74	52876	49.733	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	67146	50.095	ug/l	98
10) Methyl Iodide	2.41	142	63317	53.320	ug/l	98
11) Tert butyl alcohol	2.83	59	111477	255.715	ug/l	99
12) 1,1-Dichloroethene	2.28	96	64594	49.325	ug/l	98
14) Allyl chloride	2.59	41	139881	44.982	ug/l	99
15) Acrylonitrile	2.94	53	284236	250.507	ug/l	99
16) Acetone	2.32	43	341141	278.944	ug/l	98
17) Carbon Disulfide	2.48	76	217127	45.972	ug/l	100
18) Methyl Acetate	2.62	43	139554	50.021	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	264175	50.346	ug/l	98
20) Methylene Chloride	2.70	84	81376	47.769	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	70861	48.197	ug/l	99
22) Diisopropyl ether	3.58	45	310844	49.180	ug/l	99
23) Vinyl Acetate	3.53	43	1257589	227.832	ug/l	99
24) 1,1-Dichloroethane	3.45	63	160015	49.246	ug/l	99
25) 2-Butanone	4.26	43	431908	258.982	ug/l	98
26) 2,2-Dichloropropane	4.23	77	95733	35.856	ug/l	97
27) cis-1,2-Dichloroethene	4.23	96	83255	49.517	ug/l	96
28) Bromochloromethane	4.55	49	80708	51.484	ug/l	96
29) Tetrahydrofuran	4.64	42	267158	254.190	ug/l	97
30) Chloroform	4.67	83	144439	50.033	ug/l	99
31) Cyclohexane	5.00	56	147449	44.383	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	119512	49.155	ug/l	99
36) 1,1-Dichloropropene	5.14	75	110164	45.956	ug/l	99
37) Ethyl Acetate	4.38	43	144324	46.585	ug/l	99
38) Carbon Tetrachloride	5.14	117	99994	46.179	ug/l	97
39) Methylcyclohexane	6.42	83	129022	46.044	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) Benzene	5.39	78	327843	46.951	ug/l	99
41) Methacrylonitrile	4.54	41	83859	47.890	ug/l	99
42) 1,2-Dichloroethane	5.41	62	120326	46.424	ug/l	99
43) Isopropyl Acetate	5.55	43	224704	46.700	ug/l	99
44) Trichloroethene	6.19	130	74640	47.938	ug/l	99
45) 1,2-Dichloropropane	6.43	63	96093	47.712	ug/l	98
46) Dibromomethane	6.56	93	55999	49.230	ug/l	99
47) Bromodichloromethane	6.76	83	112323	47.589	ug/l	99
48) Methyl methacrylate	6.62	41	115521	48.279	ug/l	98
49) 1,4-Dioxane	6.61	88	40045	972.687	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	785898	251.353	ug/l	99
52) Toluene	7.64	92	197089	47.687	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	128705	46.508	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	132002	44.370	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	83025	50.667	ug/l	98
56) Ethyl methacrylate	8.02	69	138788	44.490	ug/l	97
57) 1,3-Dichloropropane	8.24	76	150651	47.359	ug/l	100
59) 2-Hexanone	8.36	43	605133	249.495	ug/l	98
60) Dibromochloromethane	8.48	129	80986	49.277	ug/l	99
61) 1,2-Dibromoethane	8.59	107	84721	48.627	ug/l	99
64) Tetrachloroethene	8.23	164	59315	46.008	ug/l	98
65) Chlorobenzene	9.12	112	209706	48.105	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	72523	48.191	ug/l	100
67) Ethyl Benzene	9.25	91	376011	48.684	ug/l	100
68) m/p-Xylenes	9.38	106	277222	98.127	ug/l	100
69) o-Xylene	9.78	106	147892	55.087	ug/l	98
70) Styrene	9.79	104	216369	43.431	ug/l	99
71) Bromoform	9.96	173	59899	49.471	ug/l #	100
73) Isopropylbenzene	10.17	105	624789	81.919	ug/l	99
74) N-amyl acetate	10.02	43	205992	47.178	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	146197	48.818	ug/l	97
76) 1,2,3-Trichloropropane	10.49	75	126291m	46.394	ug/l	
77) Bromobenzene	10.45	156	83181	46.928	ug/l	98
78) n-propylbenzene	10.59	91	993165	108.369	ug/l	100
79) 2-Chlorotoluene	10.66	91	247894	44.799	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	546666	88.038	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	45845m	44.076	ug/l	
82) 4-Chlorotoluene	10.77	91	324720	51.711	ug/l	98
83) tert-Butylbenzene	11.10	119	345421	57.543	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	5615613	885.340	ug/l	99
85) sec-Butylbenzene	11.32	105	616052	81.451	ug/l	99
86) p-Isopropyltoluene	11.48	119	577471	89.173	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	156637	46.669	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	158756	46.288	ug/l	100
89) n-Butylbenzene	11.89	91	517313	74.292	ug/l #	81
90) Hexachloroethane	12.15	117	92443	75.732	ug/l	64
91) 1,2-Dichlorobenzene	11.88	146	157168	48.107	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	34852	52.511	ug/l	98
93) 1,2,4-Trichlorobenzene	13.50	180	121439	57.446	ug/l	98
94) Hexachlorobutadiene	13.69	225	53521	50.111	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	13.74	128	449380	56.383	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	119251	54.147	ug/l	98

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

