

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070718\
 Data File : VU025260.D
 Acq On : 06 Jul 2018 23:20
 Operator : MD/SY
 Sample : J3808-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Manual Integrations
 APPROVED

MMDadoda
 7/9/2018 12:58:02 PM

Quant Time: Jul 07 01:03:52 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U061318W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 13 13:55:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	158262	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243083	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	234051	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144295	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	138025	53.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	106.84%	
35) Dibromofluoromethane	4.89	113	109902	54.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.96%	
50) Toluene-d8	7.57	98	367183	49.90	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.80%	
62) 4-Bromofluorobenzene	10.31	95	151537	51.87	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.74%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81105	40.943	ug/l	100
3) Chloromethane	1.33	50	88256	43.609	ug/l	97
4) Vinyl Chloride	1.40	62	99136	47.499	ug/l	97
5) Bromomethane	1.61	94	55042	54.553	ug/l	100
6) Chloroethane	1.69	64	63323	54.388	ug/l	97
7) Trichlorofluoromethane	1.88	101	151237	47.482	ug/l	100
8) Diethyl Ether	2.10	74	58610	54.230	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	89838	45.463	ug/l	98
10) Methyl Iodide	2.41	142	110251	64.242	ug/l	98
11) Tert butyl alcohol	2.82	59	157713	250.988	ug/l	100
12) 1,1-Dichloroethene	2.28	96	83432	46.298	ug/l	96
13) Acrolein	2.19	56	83715	253.703	ug/l	97
14) Allyl chloride	2.59	41	147001	43.934	ug/l	100
15) Acrylonitrile	2.93	53	316695	259.041	ug/l	99
16) Acetone	2.32	43	303979	218.974	ug/l	98
17) Carbon Disulfide	2.48	76	219956	38.119	ug/l	99
18) Methyl Acetate	2.62	43	143668	48.275	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	350235	51.704	ug/l	97
20) Methylene Chloride	2.70	84	104511	47.981	ug/l	96
21) trans-1,2-Dichloroethene	2.99	96	92948	46.831	ug/l	97
22) Diisopropyl ether	3.57	45	335911	50.644	ug/l	98
23) Vinyl Acetate	3.53	43	1410157	237.336	ug/l	99
24) 1,1-Dichloroethane	3.45	63	189461	49.654	ug/l	99
25) 2-Butanone	4.26	43	470358	252.248	ug/l	98
26) 2,2-Dichloropropane	4.23	77	141545	39.067	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	134152	58.792	ug/l	97
28) Bromochloromethane	4.55	49	99915	59.450	ug/l	85
29) Tetrahydrofuran	4.63	42	298447	258.457	ug/l	97
30) Chloroform	4.68	83	202703	52.486	ug/l	100
31) Cyclohexane	5.00	56	156223	45.945	ug/l	93
32) 1,1,1-Trichloroethane	4.92	97	178460	49.970	ug/l	97
36) 1,1-Dichloropropene	5.14	75	138373	48.443	ug/l	97
37) Ethyl Acetate	4.38	43	161923	52.010	ug/l	97
38) Carbon Tetrachloride	5.14	117	158854	50.573	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	160322	44.976	ug/l	95
40) Benzene	5.39	78	459776	56.489	ug/l	99
41) Methacrylonitrile	4.54	41	94955	56.569	ug/l	98
42) 1,2-Dichloroethane	5.41	62	175062	56.473	ug/l	99
43) Isopropyl Acetate	5.55	43	264023	49.062	ug/l	99
44) Trichloroethene	6.19	130	120969	52.223	ug/l	93
45) 1,2-Dichloropropane	6.44	63	111867	51.510	ug/l	99
46) Dibromomethane	6.56	93	81803	53.625	ug/l	96
47) Bromodichloromethane	6.76	83	154556	50.881	ug/l	100
48) Methyl methacrylate	6.62	41	140162	53.488	ug/l	97
49) 1,4-Dioxane	6.62	88	65006	1268.505	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	899824	266.149	ug/l	99
52) Toluene	7.64	92	269717	51.507	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	160917	47.172	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	168490	46.353	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	115996	54.495	ug/l	97
56) Ethyl methacrylate	8.02	69	181034	50.814	ug/l	100
57) 1,3-Dichloropropane	8.25	76	190204	52.971	ug/l	99
59) 2-Hexanone	8.36	43	708735	256.771	ug/l	99
60) Dibromochloromethane	8.48	129	128949	48.581	ug/l	99
61) 1,2-Dibromoethane	8.59	107	123911	52.302	ug/l	99
64) Tetrachloroethene	8.23	164	102163	45.921	ug/l	98
65) Chlorobenzene	9.12	112	488474	81.696	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	117753	51.837	ug/l	97
67) Ethyl Benzene	9.25	91	523763	49.968	ug/l	98
68) m/p-Xylenes	9.38	106	411939	102.344	ug/l	97
69) o-Xylene	9.78	106	205839	51.674	ug/l	97
70) Styrene	9.80	104	333733	50.982	ug/l	99
71) Bromoform	9.96	173	99372	46.024	ug/l #	99
73) Isopropylbenzene	10.17	105	554141	50.020	ug/l	99
74) N-amyl acetate	10.01	43	228048	43.278	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	195360	52.624	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	164497m	51.780	ug/l	
77) Bromobenzene	10.45	156	143217	51.064	ug/l	93
78) n-propylbenzene	10.59	91	617716	47.334	ug/l	97
79) 2-Chlorotoluene	10.66	91	379089	49.258	ug/l	97
80) 1,3,5-Trimethylbenzene	10.78	105	475101	49.479	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	59744m	43.525	ug/l	
82) 4-Chlorotoluene	10.78	91	432409	48.274	ug/l	99
83) tert-Butylbenzene	11.10	119	491542	53.217	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	480751	49.129	ug/l	100
85) sec-Butylbenzene	11.33	105	597270	51.659	ug/l	94
86) p-Isopropyltoluene	11.48	119	493075	47.618	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	260619	50.297	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	265641	50.935	ug/l	99
89) n-Butylbenzene	11.89	91	393368	42.789	ug/l	97
90) Hexachloroethane	12.15	117	86928	43.034	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	325820	62.778	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	49900	48.713	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	160283	50.011	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	88666	49.152	ug/l	98
95) Naphthalene	13.74	128	539756	50.860	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	173250	54.250	ug/l	98

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

