

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025784.D
 Acq On : 01 Aug 2018 18:16
 Operator : MD/SY
 Sample : J4262-03MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GW-03MS

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:45:11 AM

Quant Time: Aug 02 05:12:30 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	188893	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	289620	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	277911	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	175232	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	145683	49.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.00%	
35) Dibromofluoromethane	4.89	113	121365	48.18	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.36%	
50) Toluene-d8	7.57	98	429046	48.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.34%	
62) 4-Bromofluorobenzene	10.31	95	169153	49.44	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.88%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	136370	47.766	ug/l	99
3) Chloromethane	1.33	50	115001	42.144	ug/l	99
4) Vinyl Chloride	1.40	62	118229	46.040	ug/l	98
5) Bromomethane	1.62	94	38690	30.847	ug/l	95
6) Chloroethane	1.70	64	72166	48.060	ug/l	97
7) Trichlorofluoromethane	1.88	101	175652	47.309	ug/l	98
8) Diethyl Ether	2.10	74	62727	46.693	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	2.28	101	103489	48.165	ug/l	98
10) Methyl Iodide	2.41	142	59035	32.989	ug/l	100
11) Tert butyl alcohol	2.83	59	173822	269.755	ug/l	99
12) 1,1-Dichloroethene	2.28	96	97801	48.221	ug/l	96
13) Acrolein	2.19	56	30066	127.846	ug/l	99
14) Allyl chloride	2.59	41	164895	45.241	ug/l	98
15) Acrylonitrile	2.94	53	330713	257.056	ug/l	100
16) Acetone	2.32	43	321823	224.281	ug/l	97
17) Carbon Disulfide	2.48	76	306716	46.728	ug/l	100
18) Methyl Acetate	2.62	43	200639	58.095	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	373607	50.833	ug/l	98
20) Methylene Chloride	2.70	84	116343	45.750	ug/l	97
21) trans-1,2-Dichloroethene	2.98	96	110197	47.002	ug/l	99
22) Diisopropyl ether	3.57	45	352535	49.084	ug/l	96
23) Vinyl Acetate	3.53	43	1450349	231.712	ug/l	99
24) 1,1-Dichloroethane	3.45	63	209675	48.632	ug/l	99
25) 2-Butanone	4.27	43	487212	249.429	ug/l	99
26) 2,2-Dichloropropane	4.23	77	179479	45.800	ug/l	100
27) cis-1,2-Dichloroethene	4.23	96	128779	48.719	ug/l	98
28) Bromochloromethane	4.55	49	95599	49.592	ug/l	96
29) Tetrahydrofuran	4.64	42	300875	257.103	ug/l	100
30) Chloroform	4.68	83	216681	47.613	ug/l	100
31) Cyclohexane	5.00	56	175543	46.718	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	199886	48.785	ug/l	98
36) 1,1-Dichloropropene	5.14	75	161142	47.609	ug/l	99
37) Ethyl Acetate	4.38	43	165604	47.186	ug/l	98
38) Carbon Tetrachloride	5.14	117	180411	47.060	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	171944	44.337	ug/l	99
40) Benzene	5.39	78	493808	49.912	ug/l	98
41) Methacrylonitrile	4.54	41	97755	50.149	ug/l	98
42) 1,2-Dichloroethane	5.41	62	177416	46.571	ug/l	99
43) Isopropyl Acetate	5.55	43	277847	47.909	ug/l	99
44) Trichloroethene	6.19	130	129122	46.864	ug/l	100
45) 1,2-Dichloropropane	6.44	63	120539	46.716	ug/l	99
46) Dibromomethane	6.56	93	87949	47.041	ug/l	98
47) Bromodichloromethane	6.76	83	169187	47.440	ug/l	99
48) Methyl methacrylate	6.63	41	144684	50.902	ug/l	97
49) 1,4-Dioxane	6.62	88	72036	1041.444	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	927831	255.541	ug/l	100
52) Toluene	7.64	92	297705	48.435	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	193910	48.425	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	198940	48.364	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	121231	47.461	ug/l	99
56) Ethyl methacrylate	8.02	69	187585	51.399	ug/l	96
57) 1,3-Dichloropropane	8.25	76	205545	47.850	ug/l	100
59) 2-Hexanone	8.36	43	729068	256.160	ug/l	97
60) Dibromochloromethane	8.48	129	145152	48.188	ug/l	100
61) 1,2-Dibromoethane	8.59	107	136779	48.149	ug/l	100
64) Tetrachloroethene	8.23	164	111909	45.749	ug/l	98
65) Chlorobenzene	9.12	112	343847	47.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	128510	49.579	ug/l	98
67) Ethyl Benzene	9.25	91	581725	49.013	ug/l	100
68) m/p-Xylenes	9.38	106	451036	98.984	ug/l	99
69) o-Xylene	9.78	106	223484	50.183	ug/l	100
70) Styrene	9.80	104	361402	50.241	ug/l	98
71) Bromoform	9.96	173	115850	51.545	ug/l #	99
73) Isopropylbenzene	10.17	105	592642	49.552	ug/l	100
74) N-amyl acetate	10.01	43	245847	50.352	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	201252	48.660	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	179709m	46.546	ug/l	
77) Bromobenzene	10.45	156	160914	48.778	ug/l	98
78) n-propylbenzene	10.59	91	680264	48.732	ug/l	99
79) 2-Chlorotoluene	10.66	91	398909	48.789	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	500188	49.244	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.52	75	50641m	32.889	ug/l	
82) 4-Chlorotoluene	10.78	91	479990	49.802	ug/l	99
83) tert-Butylbenzene	11.10	119	489673	48.521	ug/l	96
84) 1,2,4-Trimethylbenzene	11.15	105	524258	50.934	ug/l	99
85) sec-Butylbenzene	11.33	105	577267	46.851	ug/l	100
86) p-Isopropyltoluene	11.48	119	525953	47.671	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	294991	48.175	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	301899	47.298	ug/l	99
89) n-Butylbenzene	11.89	91	458502	45.034	ug/l	100
90) Hexachloroethane	12.15	117	88025	44.874	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	294229	49.022	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	51543	52.567	ug/l	96
93) 1,2,4-Trichlorobenzene	13.51	180	204762	50.548	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	80807	37.842	ug/l	97
95) Naphthalene	13.74	128	1165154	88.557	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	207345	51.311	ug/l	100

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

