

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070518\
 Data File : VU025228.D
 Acq On : 05 Jul 2018 20:18
 Operator : MD/SY
 Sample : J3808-08MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MS

Manual Integrations
 APPROVED

sam
 7/6/2018 4:22:02 PM

Quant Time: Jul 06 07:10:48 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	163228	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	249396	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	237195	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141367	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	5.31	65	121041	45.42	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	90.84%	
35) Dibromofluoromethane	4.89	113	104814	50.64	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.28%	
50) Toluene-d8	7.57	98	321702	42.61	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	85.22%	
62) 4-Bromofluorobenzene	10.31	95	139411	46.51	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	93.02%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	83110	40.678	ug/l	97
3) Chloromethane	1.33	50	98681	47.276	ug/l	99
4) Vinyl Chloride	1.40	62	108753	50.521	ug/l	97
5) Bromomethane	1.62	94	61238	58.848	ug/l	99
6) Chloroethane	1.69	64	66281	55.212	ug/l	99
7) Trichlorofluoromethane	1.89	101	160385	48.822	ug/l	100
8) Diethyl Ether	2.10	74	63474	57.041	ug/l	87
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97136	47.661	ug/l	97
10) Methyl Iodide	2.41	142	112320	63.521	ug/l	97
11) Tert butyl alcohol	2.83	59	173116	267.119	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91477	49.218	ug/l	96
13) Acrolein	2.19	56	96656	284.009	ug/l	99
14) Allyl chloride	2.59	41	157684	45.693	ug/l	100
15) Acrylonitrile	2.93	53	343947	272.773	ug/l	99
16) Acetone	2.32	43	326947	228.354	ug/l	97
17) Carbon Disulfide	2.48	76	251588	42.275	ug/l	100
18) Methyl Acetate	2.62	43	201026	65.494	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	382152	54.699	ug/l	94
20) Methylene Chloride	2.70	84	113289	50.428	ug/l	95
21) trans-1,2-Dichloroethene	2.99	96	103439	50.531	ug/l	94
22) Diisopropyl ether	3.57	45	363511	53.138	ug/l	97
23) Vinyl Acetate	3.53	43	1457224	237.796	ug/l	98
24) 1,1-Dichloroethane	3.45	63	206422	52.453	ug/l	99
25) 2-Butanone	4.26	43	496189	258.005	ug/l	97
26) 2,2-Dichloropropane	4.23	77	139282	37.273	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	152889	64.965	ug/l	95
28) Bromochloromethane	4.55	49	87109	50.253	ug/l	83
29) Tetrahydrofuran	4.64	42	313585	263.305	ug/l	96
30) Chloroform	4.68	83	216986	54.475	ug/l	99
31) Cyclohexane	5.00	56	176642	50.567	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	195555	53.091	ug/l	96
36) 1,1-Dichloropropene	5.14	75	150024	51.192	ug/l	97
37) Ethyl Acetate	4.38	43	173494	54.316	ug/l	98
38) Carbon Tetrachloride	5.14	117	174764	54.230	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	178096	48.698	ug/l	94
40) Benzene	5.39	78	490915	58.788	ug/l	100
41) Methacrylonitrile	4.54	41	101477	58.924	ug/l	98
42) 1,2-Dichloroethane	5.41	62	185196	58.230	ug/l	100
43) Isopropyl Acetate	5.55	43	284898	51.601	ug/l	99
44) Trichloroethene	6.19	130	141568	59.568	ug/l	96
45) 1,2-Dichloropropane	6.44	63	120761	54.198	ug/l	100
46) Dibromomethane	6.56	93	87092	55.647	ug/l	95
47) Bromodichloromethane	6.76	83	167199	53.650	ug/l	99
48) Methyl methacrylate	6.63	41	151284	56.271	ug/l	99
49) 1,4-Dioxane	6.61	88	66820	1270.897	ug/l	96
51) 4-Methyl-2-Pentanone	7.46	43	954998	275.318	ug/l	98
52) Toluene	7.64	92	290248	54.025	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	172524	49.295	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	182250	48.870	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	121360	55.572	ug/l	98
56) Ethyl methacrylate	8.02	69	190337	52.073	ug/l	99
57) 1,3-Dichloropropane	8.25	76	206656	56.096	ug/l	98
59) 2-Hexanone	8.36	43	760919	268.698	ug/l	99
60) Dibromochloromethane	8.48	129	139649	51.280	ug/l	98
61) 1,2-Dibromoethane	8.59	107	131763	54.208	ug/l	97
64) Tetrachloroethene	8.23	164	104587	46.388	ug/l	99
65) Chlorobenzene	9.12	112	494346	81.582	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	125696	54.600	ug/l	98
67) Ethyl Benzene	9.25	91	568459	53.514	ug/l	98
68) m/p-Xylenes	9.38	106	441765	108.299	ug/l	97
69) o-Xylene	9.78	106	221549	54.880	ug/l	96
70) Stvrene	9.80	104	351066	52.919	ug/l	99
71) Bromoform	9.96	173	108317	49.502	ug/l #	100
73) Isopropylbenzene	10.17	105	594531	54.777	ug/l	100
74) N-amyl acetate	10.01	43	248373	48.111	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	203381	55.919	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	182032m	58.486	ug/l	
77) Bromobenzene	10.45	156	153667	55.925	ug/l	94
78) n-propylbenzene	10.59	91	659738	51.601	ug/l	97
79) 2-Chlorotoluene	10.66	91	402327	53.361	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	504846	53.666	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	64682m	48.098	ug/l	
82) 4-Chlorotoluene	10.78	91	457376	52.119	ug/l	99
83) tert-Butylbenzene	11.10	119	528299	58.381	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	515519	53.773	ug/l	99
85) sec-Butylbenzene	11.33	105	626050	55.270	ug/l	93
86) p-Isopropyltoluene	11.48	119	534393	52.677	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	275696	54.309	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	281261	55.047	ug/l	99
89) n-Butylbenzene	11.89	91	423013	46.967	ug/l	96
90) Hexachloroethane	12.15	117	95301	48.156	ug/l	95
91) 1,2-Dichlorobenzene	11.88	146	334697	65.824	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53428	53.238	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	177088	56.399	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	93487	52.898	ug/l	100
95) Naphthalene	13.75	128	619525	59.469	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	190532	60.897	ug/l	99

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

