

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025226.D
 Acq On : 05 Jul 2018 19:29
 Operator : MD/SY
 Sample : J3808-05MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MS

Manual Integrations
 APPROVED

sam
 7/6/2018 4:21:57 PM

Quant Time: Jul 06 07:07:28 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	161411	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247404	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	237281	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	144834	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	123665	46.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.86%	
35) Dibromofluoromethane	4.89	113	101799	49.58	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.16%	
50) Toluene-d8	7.57	98	313169	41.81	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.62%	
62) 4-Bromofluorobenzene	10.31	95	140381	47.21	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.42%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	81782	40.479	ug/l	98
3) Chloromethane	1.33	50	100156	48.523	ug/l	99
4) Vinyl Chloride	1.40	62	100317	47.127	ug/l	98
5) Bromomethane	1.62	94	54168	52.640	ug/l	99
6) Chloroethane	1.69	64	64590	54.394	ug/l	100
7) Trichlorofluoromethane	1.89	101	160340	49.357	ug/l	98
8) Diethyl Ether	2.10	74	63058	57.314	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	95596	47.434	ug/l	97
10) Methyl Iodide	2.41	142	105330	60.512	ug/l	97
11) Tert butyl alcohol	2.82	59	169945	265.178	ug/l	100
12) 1,1-Dichloroethene	2.28	96	90026	48.983	ug/l	95
13) Acrolein	2.19	56	95167	282.782	ug/l	98
14) Allyl chloride	2.59	41	155242	45.492	ug/l	100
15) Acrylonitrile	2.93	53	342438	274.633	ug/l	99
16) Acetone	2.32	43	328059	231.710	ug/l	98
17) Carbon Disulfide	2.48	76	241435	41.025	ug/l	99
18) Methyl Acetate	2.62	43	208074	68.553	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	372691	53.946	ug/l	94
20) Methylene Chloride	2.70	84	110081	49.552	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	102497	50.634	ug/l	96
22) Diisopropyl ether	3.57	45	358904	53.055	ug/l	97
23) Vinyl Acetate	3.53	43	1460063	240.942	ug/l	98
24) 1,1-Dichloroethane	3.45	63	201827	51.863	ug/l	99
25) 2-Butanone	4.26	43	507403	266.806	ug/l	98
26) 2,2-Dichloropropane	4.23	77	144518	39.109	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	143082	61.482	ug/l	95
28) Bromochloromethane	4.55	49	73304	42.765	ug/l	85
29) Tetrahydrofuran	4.63	42	320614	272.237	ug/l	97
30) Chloroform	4.68	83	214495	54.455	ug/l	98
31) Cyclohexane	5.00	56	173262	50.141	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	194396	53.370	ug/l	96
36) 1,1-Dichloropropene	5.14	75	147643	50.786	ug/l	97
37) Ethyl Acetate	4.38	43	177316	55.960	ug/l	98
38) Carbon Tetrachloride	5.14	117	170417	53.306	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	176332	48.604	ug/l	94
40) Benzene	5.39	78	433971	52.387	ug/l	99
41) Methacrylonitrile	4.55	41	102193	59.818	ug/l	99
42) 1,2-Dichloroethane	5.41	62	182934	57.982	ug/l	99
43) Isopropyl Acetate	5.55	43	284391	51.924	ug/l	98
44) Trichloroethene	6.19	130	141301	59.935	ug/l	96
45) 1,2-Dichloropropane	6.44	63	120374	54.459	ug/l	98
46) Dibromomethane	6.56	93	86606	55.782	ug/l	94
47) Bromodichloromethane	6.76	83	165293	53.465	ug/l	99
48) Methyl methacrylate	6.63	41	152413	57.147	ug/l	97
49) 1,4-Dioxane	6.62	88	66916	1282.971	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	969520	281.755	ug/l	98
52) Toluene	7.64	92	284039	53.295	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	172570	49.705	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	181449	49.047	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	120116	55.445	ug/l	98
56) Ethyl methacrylate	8.02	69	189797	52.343	ug/l	99
57) 1,3-Dichloropropane	8.25	76	202195	55.327	ug/l	97
59) 2-Hexanone	8.36	43	773990	275.515	ug/l	99
60) Dibromochloromethane	8.48	129	136951	50.694	ug/l	100
61) 1,2-Dibromoethane	8.59	107	132283	54.860	ug/l	98
64) Tetrachloroethene	8.23	164	102802	45.579	ug/l	97
65) Chlorobenzene	9.12	112	347842	57.384	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	124387	54.012	ug/l	98
67) Ethyl Benzene	9.25	91	557936	52.504	ug/l	97
68) m/p-Xylenes	9.38	106	437482	107.210	ug/l	97
69) o-Xylene	9.78	106	217238	53.793	ug/l	98
70) Styrene	9.80	104	344039	51.841	ug/l	99
71) Bromoform	9.96	173	108341	49.495	ug/l #	100
73) Isopropylbenzene	10.17	105	596621	53.654	ug/l	99
74) N-amyl acetate	10.01	43	250929	47.443	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205002	55.015	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	183714m	57.614	ug/l	
77) Bromobenzene	10.45	156	152103	54.031	ug/l	93
78) n-propylbenzene	10.59	91	675969	51.605	ug/l	98
79) 2-Chlorotoluene	10.66	91	398882	51.637	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	501394	52.023	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	63575m	46.144	ug/l	
82) 4-Chlorotoluene	10.78	91	455800	50.696	ug/l	99
83) tert-Butylbenzene	11.10	119	559092	60.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	514426	52.375	ug/l	99
85) sec-Butylbenzene	11.33	105	687305	59.226	ug/l	96
86) p-Isopropyltoluene	11.48	119	533780	51.357	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	273120	52.514	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	268775	51.344	ug/l	100
89) n-Butylbenzene	11.89	91	448174	48.569	ug/l	97
90) Hexachloroethane	12.15	117	98559	48.611	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	281061	53.953	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	55443	53.923	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	175505	54.557	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	93744	51.773	ug/l	98
95) Naphthalene	13.75	128	611932	57.359	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	187775	58.580	ug/l	99

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

