

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025229.D
 Acq On : 05 Jul 2018 20:43
 Operator : MD/SY
 Sample : J3808-09MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW470-180628MSD

Manual Integrations
 APPROVED

sam
 7/6/2018 4:22:07 PM

Quant Time: Jul 06 07:15:49 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	165465	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	258180	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	243131	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	142723	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	116834	43.25	ug/l	0.00
Spiked Amount			Recovery	=	86.50%	
35) Dibromofluoromethane	4.89	113	98534	45.99	ug/l	0.00
Spiked Amount			Recovery	=	91.98%	
50) Toluene-d8	7.57	98	300546	38.45	ug/l	0.00
Spiked Amount			Recovery	=	76.90%	
62) 4-Bromofluorobenzene	10.31	95	133814	43.12	ug/l	0.00
Spiked Amount			Recovery	=	86.24%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	1.20	85	68395	33.024	ug/l	99
3) Chloromethane	1.33	50	79152	37.408	ug/l	98
4) Vinyl Chloride	1.40	62	91975	42.149	ug/l	100
5) Bromomethane	1.62	94	50658	48.023	ug/l	99
6) Chloroethane	1.69	64	52962	43.293	ug/l	98
7) Trichlorofluoromethane	1.89	101	132361	39.746	ug/l	98
8) Diethyl Ether	2.10	74	51854	45.589	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	79483	38.472	ug/l	97
10) Methyl Iodide	2.41	142	86236	49.393	ug/l	98
11) Tert butyl alcohol	2.82	59	144475	219.912	ug/l	99
12) 1,1-Dichloroethene	2.28	96	74143	39.353	ug/l	96
13) Acrolein	2.19	56	94887	275.042	ug/l	98
14) Allyl chloride	2.59	41	126670	36.210	ug/l	97
15) Acrylonitrile	2.93	53	282573	221.070	ug/l	98
16) Acetone	2.32	43	274333	189.015	ug/l	98
17) Carbon Disulfide	2.48	76	201978	33.480	ug/l	99
18) Methyl Acetate	2.62	43	166456	53.498	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	306858	43.328	ug/l	96
20) Methylene Chloride	2.70	84	90607	39.787	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	83756	40.362	ug/l	93
22) Diisopropyl ether	3.57	45	291435	42.026	ug/l	98
23) Vinyl Acetate	3.53	43	1179410	189.859	ug/l	99
24) 1,1-Dichloroethane	3.45	63	166736	41.796	ug/l	99
25) 2-Butanone	4.26	43	420456	215.670	ug/l	97
26) 2,2-Dichloropropane	4.23	77	108448	28.629	ug/l	96
27) cis-1,2-Dichloroethene	4.23	96	131424	55.089	ug/l	93
28) Bromochloromethane	4.55	49	83685	47.625	ug/l	# 83
29) Tetrahydrofuran	4.64	42	264268	218.895	ug/l	96
30) Chloroform	4.68	83	177498	43.959	ug/l	98
31) Cyclohexane	5.00	56	141569	39.549	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	155879	41.747	ug/l	95
36) 1,1-Dichloropropene	5.14	75	124887	41.165	ug/l	99
37) Ethyl Acetate	4.38	43	143118	43.282	ug/l	98
38) Carbon Tetrachloride	5.14	117	139599	41.844	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	146133	38.599	ug/l	96
40) Benzene	5.39	78	411270	47.575	ug/l	98
41) Methacrylonitrile	4.55	41	84436	47.361	ug/l	99
42) 1,2-Dichloroethane	5.41	62	148199	45.012	ug/l	100
43) Isopropyl Acetate	5.55	43	229985	40.238	ug/l	98
44) Trichloroethene	6.19	130	117821	47.889	ug/l	93
45) 1,2-Dichloropropane	6.44	63	97100	42.096	ug/l	98
46) Dibromomethane	6.56	93	71822	44.329	ug/l	95
47) Bromodichloromethane	6.76	83	133114	41.259	ug/l	96
48) Methyl methacrylate	6.62	41	123055	44.214	ug/l	98
49) 1,4-Dioxane	6.61	88	55483	1019.368	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	792272	220.634	ug/l	99
52) Toluene	7.64	92	233797	42.037	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	137952	38.076	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	144098	37.325	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	99391	43.963	ug/l	97
56) Ethyl methacrylate	8.02	69	155109	40.992	ug/l	100
57) 1,3-Dichloropropane	8.25	76	164595	43.159	ug/l	99
59) 2-Hexanone	8.36	43	631904	215.548	ug/l	99
60) Dibromochloromethane	8.48	129	110459	39.181	ug/l	99
61) 1,2-Dibromoethane	8.59	107	107430	42.694	ug/l	99
64) Tetrachloroethene	8.23	164	83956	36.328	ug/l	97
65) Chlorobenzene	9.12	112	474643	76.418	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	102062	43.252	ug/l	97
67) Ethyl Benzene	9.25	91	458551	42.113	ug/l	99
68) m/p-Xylenes	9.38	106	350846	83.910	ug/l	97
69) o-Xylene	9.78	106	177991	43.014	ug/l	94
70) Stvrene	9.80	104	281662	41.420	ug/l	99
71) Bromoform	9.96	173	85494	38.118	ug/l #	100
73) Isopropylbenzene	10.17	105	473782	43.237	ug/l	100
74) N-amyl acetate	10.01	43	201085	38.581	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	165064	44.953	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	148144m	47.146	ug/l	
77) Bromobenzene	10.46	156	120253	43.349	ug/l	93
78) n-propylbenzene	10.59	91	529333	41.008	ug/l	97
79) 2-Chlorotoluene	10.66	91	325121	42.711	ug/l	100
80) 1,3,5-Trimethylbenzene	10.78	105	404893	42.632	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	49668m	36.583	ug/l	
82) 4-Chlorotoluene	10.78	91	367817	41.516	ug/l	100
83) tert-Butylbenzene	11.10	119	423038	46.305	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	409298	42.288	ug/l	100
85) sec-Butylbenzene	11.33	105	515401	45.069	ug/l	92
86) p-Isopropyltoluene	11.48	119	422802	41.281	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	224619	43.827	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	229460	44.482	ug/l	100
89) n-Butylbenzene	11.89	91	341205	37.524	ug/l	97
90) Hexachloroethane	12.15	117	76512	38.295	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	288939	56.285	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	43372	42.807	ug/l	93
93) 1,2,4-Trichlorobenzene	13.51	180	139532	44.016	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	75199	42.146	ug/l	99
95) Naphthalene	13.74	128	505026	48.149	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	152260	48.203	ug/l	98

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

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