

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070318\
 Data File : VU025200.D
 Acq On : 03 Jul 2018 19:39
 Operator : MD/SY
 Sample : J3760-02MS
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MS

Manual Integrations
 APPROVED

sam
 7/5/2018 2:30:26 PM

Quant Time: Jul 04 06:36:20 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	156659	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	247630	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	230965	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	140532	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	127023	49.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.34%	
35) Dibromofluoromethane	4.89	113	105796	51.48	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.96%	
50) Toluene-d8	7.57	98	333584	44.50	ug/l	0.00
Spiked Amount	50.000		Recovery	=	89.00%	
62) 4-Bromofluorobenzene	10.31	95	143928	48.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	80080	40.839	ug/l	97
3) Chloromethane	1.33	50	86131	42.994	ug/l	99
4) Vinyl Chloride	1.40	62	108480	52.507	ug/l	100
5) Bromomethane	1.62	94	55067	55.137	ug/l	100
6) Chloroethane	1.69	64	64533	56.026	ug/l	97
7) Trichlorofluoromethane	1.89	101	159655	50.637	ug/l	99
8) Diethyl Ether	2.10	74	62141	58.224	ug/l	88
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98012	50.107	ug/l	99
10) Methyl Iodide	2.41	142	108816	64.070	ug/l	97
11) Tert butyl alcohol	2.82	59	159679	256.717	ug/l	99
12) 1,1-Dichloroethene	2.28	96	88141	49.412	ug/l	93
13) Acrolein	2.19	56	22581	69.133	ug/l	99
14) Allyl chloride	2.59	41	151704	45.804	ug/l	98
15) Acrylonitrile	2.93	53	338438	279.659	ug/l	99
16) Acetone	2.32	43	318014	231.428	ug/l	98
17) Carbon Disulfide	2.48	76	240593	42.122	ug/l	99
18) Methyl Acetate	2.62	43	200521	68.068	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	364977	54.432	ug/l	95
20) Methylene Chloride	2.70	84	109650	50.855	ug/l	94
21) trans-1,2-Dichloroethene	2.99	96	100974	51.395	ug/l	96
22) Diisopropyl ether	3.57	45	349693	53.261	ug/l	97
23) Vinyl Acetate	3.53	43	1452329	246.935	ug/l	99
24) 1,1-Dichloroethane	3.45	63	201021	53.222	ug/l	99
25) 2-Butanone	4.26	43	496773	269.140	ug/l	96
26) 2,2-Dichloropropane	4.23	77	151074	42.124	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	138253	61.209	ug/l	96
28) Bromochloromethane	4.55	49	75263	45.240	ug/l	87
29) Tetrahydrofuran	4.63	42	310407	271.565	ug/l	96
30) Chloroform	4.68	83	215162	56.282	ug/l	97
31) Cyclohexane	5.00	56	174780	52.196	ug/l	95
32) 1,1,1-Trichloroethane	4.92	97	190974	54.021	ug/l	96
36) 1,1-Dichloropropene	5.14	75	145700	50.071	ug/l	98
37) Ethyl Acetate	4.38	43	172083	54.259	ug/l	98
38) Carbon Tetrachloride	5.14	117	170341	53.234	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	176451	48.592	ug/l	96
40) Benzene	5.39	78	436006	52.585	ug/l	99
41) Methacrylonitrile	4.54	41	100936	59.028	ug/l	99
42) 1,2-Dichloroethane	5.41	62	180892	57.282	ug/l	99
43) Isopropyl Acetate	5.55	43	280291	51.128	ug/l	100
44) Trichloroethene	6.19	130	117404	49.753	ug/l	96
45) 1,2-Dichloropropane	6.44	63	117142	52.949	ug/l	97
46) Dibromomethane	6.56	93	84152	54.152	ug/l	93
47) Bromodichloromethane	6.76	83	163674	52.893	ug/l	99
48) Methyl methacrylate	6.63	41	148943	55.795	ug/l	98
49) 1,4-Dioxane	6.62	88	65259	1250.059	ug/l	93
51) 4-Methyl-2-Pentanone	7.46	43	953783	276.929	ug/l	98
52) Toluene	7.64	92	280056	52.500	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	173111	49.815	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	180276	48.685	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	119055	54.905	ug/l	99
56) Ethyl methacrylate	8.02	69	188554	51.953	ug/l	99
57) 1,3-Dichloropropane	8.25	76	202714	55.418	ug/l	100
59) 2-Hexanone	8.36	43	754906	268.476	ug/l	100
60) Dibromochloromethane	8.48	129	137164	50.727	ug/l	98
61) 1,2-Dibromoethane	8.59	107	131045	54.297	ug/l	99
64) Tetrachloroethene	8.23	164	103290	47.048	ug/l	96
65) Chlorobenzene	9.12	112	321906	54.557	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	124265	55.435	ug/l	98
67) Ethyl Benzene	9.25	91	560184	54.157	ug/l	98
68) m/p-Xylenes	9.38	106	433412	109.117	ug/l	97
69) o-Xylene	9.78	106	215035	54.703	ug/l	97
70) Stvrene	9.80	104	344412	53.316	ug/l	99
71) Bromoform	9.96	173	105426	49.480	ug/l #	99
73) Isopropylbenzene	10.17	105	575973	53.383	ug/l	99
74) N-amyl acetate	10.01	43	249578	48.632	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	200348	55.412	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	169337m	54.731	ug/l	
77) Bromobenzene	10.45	156	149908	54.881	ug/l	94
78) n-propylbenzene	10.59	91	646265	50.847	ug/l	97
79) 2-Chlorotoluene	10.66	91	392877	52.417	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	498211	53.275	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	62228m	46.549	ug/l	
82) 4-Chlorotoluene	10.78	91	454614	52.112	ug/l	99
83) tert-Butylbenzene	11.10	119	503425	55.963	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	508542	53.361	ug/l	100
85) sec-Butylbenzene	11.33	105	589565	52.358	ug/l	97
86) p-Isopropyltoluene	11.48	119	520660	51.628	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	267087	52.926	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	267532	52.671	ug/l	99
89) n-Butylbenzene	11.89	91	413347	46.166	ug/l	96
90) Hexachloroethane	12.15	117	93356	47.454	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	276826	54.766	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	53075	53.200	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	170281	54.553	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	90469	51.494	ug/l	99
95) Naphthalene	13.74	128	602073	58.153	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	184124	59.199	ug/l	100

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

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