

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070318\
 Data File : VU025201.D
 Acq On : 03 Jul 2018 20:04
 Operator : MD/SY
 Sample : J3760-03MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW011-180627MSD

Manual Integrations
 APPROVED

sam
 7/5/2018 2:30:45 PM

Quant Time: Jul 05 04:43:38 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	164838	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	254075	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	240156	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	141568	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	125045	46.47	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.94%	
35) Dibromofluoromethane	4.89	113	108070	51.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.50%	
50) Toluene-d8	7.57	98	336074	43.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.38%	
62) 4-Bromofluorobenzene	10.31	95	144607	47.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.70%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	84337	40.876	ug/l	99
3) Chloromethane	1.33	50	95256	45.190	ug/l	98
4) Vinyl Chloride	1.40	62	114339	52.597	ug/l	99
5) Bromomethane	1.62	94	61001	58.048	ug/l	100
6) Chloroethane	1.69	64	66455	54.809	ug/l	100
7) Trichlorofluoromethane	1.89	101	164099	49.464	ug/l	98
8) Diethyl Ether	2.10	74	62885	55.923	ug/l	91
9) 1,1,2-Trichlorotrifluoroet	2.29	101	98007	47.619	ug/l	98
10) Methyl Iodide	2.41	142	114737	64.193	ug/l	97
11) Tert butyl alcohol	2.82	59	169825	259.481	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91000	48.483	ug/l	96
13) Acrolein	2.19	56	27861	81.066	ug/l	93
14) Allyl chloride	2.59	41	158704	45.540	ug/l	97
15) Acrylonitrile	2.94	53	347742	273.089	ug/l	99
16) Acetone	2.32	43	327523	226.522	ug/l	96
17) Carbon Disulfide	2.48	76	250621	41.701	ug/l	98
18) Methyl Acetate	2.62	43	204434	65.953	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	376498	53.364	ug/l	97
20) Methylene Chloride	2.70	84	112182	49.448	ug/l	98
21) trans-1,2-Dichloroethene	2.99	96	102282	49.478	ug/l	97
22) Diisopropyl ether	3.57	45	355294	51.429	ug/l	96
23) Vinyl Acetate	3.53	43	1468408	237.281	ug/l	99
24) 1,1-Dichloroethane	3.45	63	205084	51.604	ug/l	100
25) 2-Butanone	4.26	43	505874	260.472	ug/l	97
26) 2,2-Dichloropropane	4.23	77	151566	40.164	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	141266	59.440	ug/l	97
28) Bromochloromethane	4.55	49	70245	40.129	ug/l	84
29) Tetrahydrofuran	4.63	42	322955	268.524	ug/l	97
30) Chloroform	4.68	83	214917	53.428	ug/l	100
31) Cyclohexane	5.00	56	176548	50.026	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	193106	51.914	ug/l	96
36) 1,1-Dichloropropene	5.14	75	150628	50.452	ug/l	97
37) Ethyl Acetate	4.38	43	175748	54.009	ug/l	98
38) Carbon Tetrachloride	5.14	117	173039	52.706	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	179374	48.144	ug/l	96
40) Benzene	5.39	78	446874	52.528	ug/l	100
41) Methacrylonitrile	4.54	41	102832	58.611	ug/l	99
42) 1,2-Dichloroethane	5.41	62	186082	57.431	ug/l	98
43) Isopropyl Acetate	5.55	43	283729	50.443	ug/l	99
44) Trichloroethene	6.19	130	122050	50.410	ug/l	97
45) 1,2-Dichloropropane	6.44	63	120505	53.087	ug/l	95
46) Dibromomethane	6.56	93	87087	54.620	ug/l	93
47) Bromodichloromethane	6.76	83	167005	52.600	ug/l	98
48) Methyl methacrylate	6.63	41	151524	55.322	ug/l	99
49) 1,4-Dioxane	6.62	88	63609	1187.545	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	969155	274.254	ug/l	98
52) Toluene	7.64	92	289073	52.815	ug/l	97
53) t-1,3-Dichloropropene	7.88	75	174629	48.977	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	184112	48.460	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	121119	54.440	ug/l	97
56) Ethyl methacrylate	8.02	69	190389	51.128	ug/l	99
57) 1,3-Dichloropropane	8.25	76	204549	54.501	ug/l	98
58) 2-Chloroethyl Vinyl ether	7.14	63	291	0.204	ug/l #	50
59) 2-Hexanone	8.36	43	774447	268.439	ug/l	100
60) Dibromochloromethane	8.48	129	139310	50.213	ug/l	100
61) 1,2-Dibromoethane	8.59	107	131884	53.259	ug/l	98
64) Tetrachloroethene	8.23	164	105390	46.167	ug/l	98
65) Chlorobenzene	9.12	112	330919	53.939	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	126055	54.081	ug/l	97
67) Ethyl Benzene	9.26	91	570021	52.999	ug/l	98
68) m/p-Xylenes	9.38	106	445145	107.782	ug/l	97
69) o-Xylene	9.78	106	222123	54.344	ug/l	96
70) Styrene	9.80	104	354796	52.821	ug/l	99
71) Bromoform	9.96	173	107780	48.649	ug/l #	98
73) Isopropylbenzene	10.17	105	597065	54.933	ug/l	100
74) N-amyl acetate	10.01	43	249605	48.281	ug/l	98
75) 1,1,2,2-Tetrachloroethane	10.46	83	205765	56.494	ug/l	99
76) 1,2,3-Trichloropropane	10.50	75	171935m	55.164	ug/l	
77) Bromobenzene	10.45	156	154016	55.973	ug/l	93
78) n-propylbenzene	10.59	91	664951	51.935	ug/l	97
79) 2-Chlorotoluene	10.66	91	404788	53.611	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	509713	54.106	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	65983m	48.996	ug/l	
82) 4-Chlorotoluene	10.78	91	467506	53.198	ug/l	99
83) tert-Butylbenzene	11.10	119	511590	56.455	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	516875	53.838	ug/l	100
85) sec-Butylbenzene	11.33	105	601039	52.987	ug/l	98
86) p-Isopropyltoluene	11.48	119	532552	52.421	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	274271	53.951	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	275453	53.834	ug/l	99
89) n-Butylbenzene	11.89	91	427708	47.421	ug/l	97
90) Hexachloroethane	12.15	117	96872	48.881	ug/l	98
91) 1,2-Dichlorobenzene	11.88	146	285684	56.105	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	54316	54.046	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	175914	55.946	ug/l	100
94) Hexachlorobutadiene	13.70	225	91695	51.810	ug/l	99
95) Naphthalene	13.75	128	618782	59.316	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	191237	61.036	ug/l	99

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

