

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U070518\
 Data File : VU025227.D
 Acq On : 05 Jul 2018 19:54
 Operator : MD/SY
 Sample : J3808-06MSD
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 WP021MW472-180628MSD

Manual Integrations
 APPROVED

sam
 7/6/2018 4:22:27 PM

Quant Time: Jul 06 07:09:04 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	154401	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	243256	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	223352	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	135204	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	124999	49.59	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.18%	
35) Dibromofluoromethane	4.89	113	105025	52.02	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.04%	
50) Toluene-d8	7.57	98	325920	44.26	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.52%	
62) 4-Bromofluorobenzene	10.31	95	143917	49.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.44%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	85145	44.057	ug/l	99
3) Chloromethane	1.33	50	101190	51.250	ug/l	99
4) Vinyl Chloride	1.40	62	103013	50.590	ug/l	98
5) Bromomethane	1.62	94	59764	60.715	ug/l	100
6) Chloroethane	1.69	64	65003	57.283	ug/l	97
7) Trichlorofluoromethane	1.89	101	162276	52.221	ug/l	100
8) Diethyl Ether	2.10	74	65198	62.108	ug/l	85
9) 1,1,2-Trichlorotrifluoroet	2.29	101	97743	50.701	ug/l	97
10) Methyl Iodide	2.41	142	110652	65.936	ug/l	98
11) Tert butyl alcohol	2.82	59	175783	286.740	ug/l	100
12) 1,1-Dichloroethene	2.28	96	91749	52.187	ug/l	97
13) Acrolein	2.19	56	97791	303.771	ug/l	98
14) Allyl chloride	2.59	41	155968	47.780	ug/l	99
15) Acrylonitrile	2.93	53	344619	288.931	ug/l	99
16) Acetone	2.32	43	336577	248.519	ug/l	96
17) Carbon Disulfide	2.48	76	249936	44.398	ug/l	100
18) Methyl Acetate	2.62	43	204558	70.454	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	379465	57.420	ug/l	95
20) Methylene Chloride	2.70	84	113386	53.357	ug/l	97
21) trans-1,2-Dichloroethene	2.99	96	104175	53.800	ug/l	97
22) Diisopropyl ether	3.57	45	362038	55.948	ug/l	99
23) Vinyl Acetate	3.53	43	1472686	254.058	ug/l	99
24) 1,1-Dichloroethane	3.45	63	206542	55.484	ug/l	100
25) 2-Butanone	4.26	43	514093	282.597	ug/l	96
26) 2,2-Dichloropropane	4.23	77	141614	40.063	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	140431	63.083	ug/l	97
28) Bromochloromethane	4.55	49	89222	54.415	ug/l	83
29) Tetrahydrofuran	4.64	42	324540	288.082	ug/l	97
30) Chloroform	4.68	83	219903	58.363	ug/l	99
31) Cyclohexane	5.00	56	171972	52.105	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	194465	55.813	ug/l	97
36) 1,1-Dichloropropene	5.14	75	149039	52.140	ug/l	96
37) Ethyl Acetate	4.38	43	176557	56.670	ug/l	97
38) Carbon Tetrachloride	5.14	117	174364	55.471	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

39) Methylcyclohexane	6.42	83	177303	49.705	ug/l	96
40) Benzene	5.39	78	448298	55.040	ug/l	100
41) Methacrylonitrile	4.54	41	104029	61.931	ug/l	99
42) 1,2-Dichloroethane	5.41	62	186964	60.269	ug/l	99
43) Isopropyl Acetate	5.55	43	288366	53.547	ug/l	99
44) Trichloroethene	6.19	130	141192	60.910	ug/l	93
45) 1,2-Dichloropropane	6.44	63	121734	56.014	ug/l	99
46) Dibromomethane	6.56	93	88576	58.024	ug/l	95
47) Bromodichloromethane	6.76	83	166827	54.881	ug/l	97
48) Methyl methacrylate	6.63	41	153840	58.666	ug/l	98
49) 1,4-Dioxane	6.61	88	67005	1306.583	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	983329	290.641	ug/l	98
52) Toluene	7.64	92	288471	55.050	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	176139	51.598	ug/l	98
54) cis-1,3-Dichloropropene	7.27	75	184994	50.858	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	123027	57.757	ug/l	97
56) Ethyl methacrylate	8.02	69	192963	54.124	ug/l	100
57) 1,3-Dichloropropane	8.25	76	206145	57.370	ug/l	99
59) 2-Hexanone	8.36	43	781213	282.828	ug/l	99
60) Dibromochloromethane	8.48	129	139671	52.583	ug/l	100
61) 1,2-Dibromoethane	8.59	107	134905	56.902	ug/l	99
64) Tetrachloroethene	8.23	164	104885	49.403	ug/l	99
65) Chlorobenzene	9.12	112	350287	61.391	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	126584	58.394	ug/l	97
67) Ethyl Benzene	9.25	91	562928	56.277	ug/l	97
68) m/p-Xylenes	9.38	106	442421	115.182	ug/l	96
69) o-Xylene	9.78	106	221383	58.238	ug/l	95
70) Styrene	9.80	104	347841	55.682	ug/l	99
71) Bromoform	9.96	173	109331	53.062	ug/l #	99
73) Isopropylbenzene	10.17	105	601720	57.967	ug/l	99
74) N-amyl acetate	10.01	43	255439	51.735	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	209654	60.271	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	186001m	62.486	ug/l	
77) Bromobenzene	10.45	156	154175	58.668	ug/l	94
78) n-propylbenzene	10.59	91	679704	55.586	ug/l	97
79) 2-Chlorotoluene	10.66	91	404216	56.055	ug/l	98
80) 1,3,5-Trimethylbenzene	10.78	105	499131	55.477	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	64431m	50.096	ug/l	
82) 4-Chlorotoluene	10.78	91	457945	54.563	ug/l	98
83) tert-Butylbenzene	11.10	119	569758	65.833	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	514720	56.137	ug/l	100
85) sec-Butylbenzene	11.33	105	692709	63.943	ug/l	96
86) p-Isopropyltoluene	11.48	119	527933	54.413	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	272609	56.149	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	273829	56.035	ug/l	99
89) n-Butylbenzene	11.89	91	443605	51.498	ug/l	97
90) Hexachloroethane	12.15	117	95392	50.400	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	283738	58.346	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	56026	58.371	ug/l	95
93) 1,2,4-Trichlorobenzene	13.51	180	178178	59.333	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	13.70	225	95064	56.242	ug/l	100
95) Naphthalene	13.74	128	629531	63.142	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	192947	64.480	ug/l	99

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

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