

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU080118\
 Data File : VU025768.D
 Acq On : 01 Aug 2018 11:44
 Operator : MD/SY
 Sample : VU0801WBSD03
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0801WBSD03

Manual Integrations
 APPROVED

MMDadoda
 8/2/2018 9:41:37 AM

Quant Time: Aug 02 04:04:42 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U072718W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 31 16:07:47 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	160105	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	245794	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	236670	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	145489	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	130385	52.27	ug/l	0.00
Spiked Amount	50.000		Recovery	=	104.54%	
35) Dibromofluoromethane	4.89	113	103899	48.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.20%	
50) Toluene-d8	7.57	98	361204	48.28	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.56%	
62) 4-Bromofluorobenzene	10.31	95	138665	47.76	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.52%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	44361	18.332	ug/l	97
3) Chloromethane	1.33	50	41787	18.067	ug/l	99
4) Vinyl Chloride	1.40	62	37424	17.194	ug/l	100
5) Bromomethane	1.63	94	20523	19.305	ug/l	100
6) Chloroethane	1.70	64	23190	18.221	ug/l	100
7) Trichlorofluoromethane	1.89	101	54724	17.389	ug/l	98
8) Diethyl Ether	2.10	74	21435	18.825	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	33137	18.195	ug/l	99
10) Methyl Iodide	2.41	142	25520	21.036	ug/l	100
11) Tert butyl alcohol	2.83	59	53583	98.108	ug/l	99
12) 1,1-Dichloroethene	2.28	96	30918	17.985	ug/l	91
13) Acrolein	2.19	56	23190	116.154	ug/l	96
14) Allyl chloride	2.59	41	53389	17.282	ug/l	96
15) Acrylonitrile	2.94	53	107944	98.989	ug/l	100
16) Acetone	2.32	43	110384	90.760	ug/l	98
17) Carbon Disulfide	2.48	76	92770	16.675	ug/l	99
18) Methyl Acetate	2.62	43	68264	23.320	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	121761	19.546	ug/l	97
20) Methylene Chloride	2.70	84	39083	18.132	ug/l	99
21) trans-1,2-Dichloroethene	2.99	96	35146	17.686	ug/l	97
22) Diisopropyl ether	3.58	45	117766	19.345	ug/l	94
23) Vinyl Acetate	3.53	43	506339	95.440	ug/l	99
24) 1,1-Dichloroethane	3.45	63	67458	18.460	ug/l	98
25) 2-Butanone	4.27	43	158890	95.970	ug/l	100
26) 2,2-Dichloropropane	4.23	77	59872	18.025	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	40186	17.936	ug/l	97
28) Bromochloromethane	4.55	49	32881	20.124	ug/l	99
29) Tetrahydrofuran	4.64	42	97879	98.678	ug/l	99
30) Chloroform	4.68	83	71677	18.582	ug/l	98
31) Cyclohexane	5.00	56	56076	16.740	ug/l	97
32) 1,1,1-Trichloroethane	4.92	97	63508	18.287	ug/l	98
36) 1,1-Dichloropropene	5.14	75	50320	17.518	ug/l	99
37) Ethyl Acetate	4.38	43	57144	19.186	ug/l	98
38) Carbon Tetrachloride	5.14	117	56076	17.235	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	55169	16.762	ug/l	99
40) Benzene	5.39	78	147945	17.620	ug/l	98
41) Methacrylonitrile	4.54	41	31107	18.803	ug/l	98
42) 1,2-Dichloroethane	5.41	62	59858	18.514	ug/l	99
43) Isopropyl Acetate	5.55	43	92609	18.816	ug/l	100
44) Trichloroethene	6.19	130	40105	17.151	ug/l	99
45) 1,2-Dichloropropane	6.44	63	39936	18.237	ug/l	99
46) Dibromomethane	6.56	93	29298	18.465	ug/l	99
47) Bromodichloromethane	6.76	83	55132	18.215	ug/l	98
48) Methyl methacrylate	6.63	41	46218	19.159	ug/l	97
49) 1,4-Dioxane	6.62	88	22914	390.341	ug/l	95
51) 4-Methyl-2-Pentanone	7.46	43	296834	96.330	ug/l	100
52) Toluene	7.64	92	92552	17.743	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	61645	18.139	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	66299	18.992	ug/l	95
55) 1,1,2-Trichloroethane	8.07	97	40057	18.478	ug/l	98
56) Ethyl methacrylate	8.02	69	57873	18.685	ug/l	98
57) 1,3-Dichloropropane	8.25	76	69072	18.947	ug/l	96
58) 2-Chloroethyl Vinyl ether	7.13	63	137629	102.424	ug/l	100
59) 2-Hexanone	8.36	43	228510	94.603	ug/l	100
60) Dibromochloromethane	8.48	129	45547	17.817	ug/l	99
61) 1,2-Dibromoethane	8.59	107	45817	19.004	ug/l	97
64) Tetrachloroethene	8.23	164	35382	16.985	ug/l	98
65) Chlorobenzene	9.12	112	108167	17.727	ug/l	99
66) 1,1,1,2-Tetrachloroethane	9.21	131	40921	18.538	ug/l	99
67) Ethyl Benzene	9.25	91	178174	17.628	ug/l	100
68) m/p-Xylenes	9.38	106	140252	36.143	ug/l	97
69) o-Xylene	9.78	106	67780	17.872	ug/l	99
70) Styrene	9.80	104	107204	17.500	ug/l	100
71) Bromoform	9.96	173	35968	18.792	ug/l #	98
73) Isopropylbenzene	10.17	105	180625	18.190	ug/l	99
74) N-amyl acetate	10.01	43	78554	19.378	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	65237	18.998	ug/l	98
76) 1,2,3-Trichloropropane	10.50	75	62626m	19.537	ug/l	
77) Bromobenzene	10.45	156	49237	17.977	ug/l	98
78) n-propylbenzene	10.59	91	208444	17.985	ug/l	99
79) 2-Chlorotoluene	10.66	91	124103	18.281	ug/l	99
80) 1,3,5-Trimethylbenzene	10.78	105	154145	18.278	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.52	75	18225m	14.256	ug/l	
82) 4-Chlorotoluene	10.78	91	145360	18.165	ug/l	99
83) tert-Butylbenzene	11.10	119	154285	18.413	ug/l	97
84) 1,2,4-Trimethylbenzene	11.15	105	156186	18.276	ug/l	97
85) sec-Butylbenzene	11.33	105	184410	18.026	ug/l	99
86) p-Isopropyltoluene	11.48	119	162857	17.779	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	89525	17.609	ug/l	100
88) 1,4-Dichlorobenzene	11.51	146	90082	16.998	ug/l	98
89) n-Butylbenzene	11.89	91	142550	16.864	ug/l	99
90) Hexachloroethane	12.15	117	27996	17.190	ug/l	97
91) 1,2-Dichlorobenzene	11.88	146	90115	18.084	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	15842	19.460	ug/l	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.51	180	59974	17.832	ug/l	98
94) Hexachlorobutadiene	13.70	225	28699	16.188	ug/l	98
95) Naphthalene	13.75	128	187635	18.185	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	62155	18.526	ug/l	100

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

