

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100118\
 Data File : VU027322.D
 Acq On : 01 Oct 2018 16:47
 Operator : MD/SY
 Sample : VU1001WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1001WBS01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 11:41:44 AM

Quant Time: Oct 02 07:53:07 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U100118W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 02 02:04:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.99	168	117291	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	198059	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	185860	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.49	152	89341	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	90549	46.23	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.46%	
35) Dibromofluoromethane	4.88	113	64283	47.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	94.72%	
50) Toluene-d8	7.57	98	250432	49.30	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.60%	
62) 4-Bromofluorobenzene	10.31	95	86809	45.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.96%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	35750	21.141	ug/l	97
3) Chloromethane	1.33	50	45354	19.811	ug/l	99
4) Vinyl Chloride	1.40	62	43568	20.245	ug/l	99
5) Bromomethane	1.62	94	20304	21.804	ug/l	98
6) Chloroethane	1.70	64	24384	18.856	ug/l	98
7) Trichlorofluoromethane	1.88	101	44302	20.289	ug/l	99
8) Diethyl Ether	2.11	74	19924	19.808	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	25774	20.325	ug/l	98
10) Methyl Iodide	2.41	142	11064	16.638	ug/l	98
11) Tert butyl alcohol	2.83	59	42841	103.872	ug/l	99
12) 1,1-Dichloroethene	2.28	96	24191	19.526	ug/l	94
13) Acrolein	2.20	56	30362	87.731	ug/l	99
14) Allyl chloride	2.59	41	56028	19.044	ug/l	97
15) Acrylonitrile	2.94	53	109463	101.971	ug/l	99
16) Acetone	2.32	43	105678	91.335	ug/l	100
17) Carbon Disulfide	2.48	76	83992	18.797	ug/l	98
18) Methyl Acetate	2.62	43	52293	19.812	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	99724	20.088	ug/l	98
20) Methylene Chloride	2.70	84	30873	19.156	ug/l	96
21) trans-1,2-Dichloroethene	2.98	96	27524	19.788	ug/l	99
22) Diisopropyl ether	3.58	45	124425	20.808	ug/l	98
23) Vinyl Acetate	3.53	43	530622	101.609	ug/l	100
24) 1,1-Dichloroethane	3.45	63	62262	20.254	ug/l	99
25) 2-Butanone	4.27	43	160455	101.695	ug/l	99
26) 2,2-Dichloropropane	4.23	77	48310	19.125	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	31026	19.505	ug/l	98
28) Bromochloromethane	4.55	49	28588	19.276	ug/l	100
29) Tetrahydrofuran	4.64	42	103153	103.739	ug/l	99
30) Chloroform	4.68	83	55032	20.149	ug/l	100
31) Cyclohexane	5.00	56	61272	19.360	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	46268	20.114	ug/l	99
36) 1,1-Dichloropropene	5.14	75	42448	19.739	ug/l	99
37) Ethyl Acetate	4.39	43	55784	20.071	ug/l	99
38) Carbon Tetrachloride	5.14	117	39015	20.084	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	49509	19.695	ug/l	96
40) Benzene	5.39	78	126027	20.119	ug/l	99
41) Methacrylonitrile	4.55	41	31676	20.164	ug/l	96
42) 1,2-Dichloroethane	5.41	62	47969	20.630	ug/l	100
43) Isopropyl Acetate	5.55	43	88053	20.399	ug/l	100
44) Trichloroethene	6.19	130	28046	20.079	ug/l	98
45) 1,2-Dichloropropane	6.43	63	37021	20.490	ug/l	99
46) Dibromomethane	6.56	93	21511	21.080	ug/l	98
47) Bromodichloromethane	6.76	83	42926	20.273	ug/l	99
48) Methyl methacrylate	6.62	41	43664	20.342	ug/l	98
49) 1,4-Dioxane	6.62	88	16821	455.447	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	292828	104.398	ug/l	100
52) Toluene	7.64	92	76183	20.547	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	48781	19.649	ug/l	97
54) cis-1,3-Dichloropropene	7.27	75	53627	20.094	ug/l	98
55) 1,1,2-Trichloroethane	8.07	97	30389	20.672	ug/l	97
56) Ethyl methacrylate	8.02	69	50051	19.243	ug/l	99
57) 1,3-Dichloropropane	8.24	76	57638	20.197	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	144915	98.883	ug/l	100
59) 2-Hexanone	8.36	43	227044	104.348	ug/l	98
60) Dibromochloromethane	8.48	129	29512	20.017	ug/l	100
61) 1,2-Dibromoethane	8.59	107	31642	20.245	ug/l	99
64) Tetrachloroethene	8.23	164	23569	20.371	ug/l	97
65) Chlorobenzene	9.12	112	77464	19.801	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	26811	19.852	ug/l	98
67) Ethyl Benzene	9.25	91	137404	19.824	ug/l	99
68) m/p-Xylenes	9.38	106	102763	40.532	ug/l	100
69) o-Xylene	9.78	106	50219	20.843	ug/l	98
70) Styrene	9.79	104	80149	19.277	ug/l	98
71) Bromoform	9.96	173	21220	19.529	ug/l #	99
73) Isopropylbenzene	10.17	105	133281	20.540	ug/l	99
74) N-amyl acetate	10.02	43	75486	20.321	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	53336	20.934	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	48361m	20.882	ug/l	
77) Bromobenzene	10.45	156	30066	19.938	ug/l	97
78) n-propylbenzene	10.59	91	158800	20.367	ug/l	99
79) 2-Chlorotoluene	10.66	91	96907	20.585	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	110005	20.823	ug/l	100
81) trans-1,4-Dichloro-2-buten	10.51	75	13108m	14.813	ug/l	
82) 4-Chlorotoluene	10.77	91	109931	20.577	ug/l	100
83) tert-Butylbenzene	11.10	119	106022	20.760	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	113850	21.098	ug/l	100
85) sec-Butylbenzene	11.32	105	134200	20.855	ug/l	99
86) p-Isopropyltoluene	11.48	119	113972	20.687	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	57612	20.176	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	57791	19.805	ug/l	98
89) n-Butylbenzene	11.89	91	102985	18.877	ug/l	98
90) Hexachloroethane	12.14	117	20768	19.998	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	56469	20.316	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	11629	20.594	ug/l	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	37884	21.064	ug/l	100
94) Hexachlorobutadiene	13.69	225	19727	21.710	ug/l	99
95) Naphthalene	13.74	128	135570	21.065	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	36678	19.575	ug/l	98

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

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