

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100618\
 Data File : VU027462.D
 Acq On : 05 Oct 2018 18:46
 Operator : MD/SY
 Sample : VU1006WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1006WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 2:05:19 PM

Quant Time: Oct 06 01:22:48 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	119431	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	208012	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	196177	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	99841	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	91077	45.67	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.34%	
35) Dibromofluoromethane	4.89	113	65592	46.01	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.02%	
50) Toluene-d8	7.57	98	250653	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	10.31	95	95149	47.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.98%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	31107	18.066	ug/l	98
3) Chloromethane	1.33	50	39440	16.919	ug/l	99
4) Vinyl Chloride	1.40	62	38692	17.657	ug/l	99
5) Bromomethane	1.63	94	22045	23.249	ug/l	97
6) Chloroethane	1.70	64	22958	17.435	ug/l	99
7) Trichlorofluoromethane	1.89	101	40447	18.191	ug/l	98
8) Diethyl Ether	2.11	74	17953	17.528	ug/l	94
9) 1,1,2-Trichlorotrifluoroet	2.29	101	23670	18.331	ug/l	97
10) Methyl Iodide	2.41	142	17721	21.400	ug/l	99
11) Tert butyl alcohol	2.83	59	38195	90.948	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22112	17.528	ug/l	95
13) Acrolein	2.20	56	13977	39.663	ug/l	96
14) Allyl chloride	2.59	41	51519	17.197	ug/l	98
15) Acrylonitrile	2.94	53	103879	95.036	ug/l	97
16) Acetone	2.32	43	93452	79.321	ug/l	97
17) Carbon Disulfide	2.48	76	69976	15.380	ug/l	100
18) Methyl Acetate	2.62	43	54273	20.193	ug/l	99
19) Methyl tert-butyl Ether	3.00	73	92947	18.388	ug/l	98
20) Methylene Chloride	2.70	84	30007	18.285	ug/l	95
21) trans-1,2-Dichloroethene	2.98	96	25996	18.354	ug/l	96
22) Diisopropyl ether	3.58	45	114034	18.728	ug/l	94
23) Vinyl Acetate	3.53	43	474600	89.253	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58544	18.703	ug/l	99
25) 2-Butanone	4.27	43	147484	91.799	ug/l	100
26) 2,2-Dichloropropane	4.23	77	43374	16.864	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	29835	18.420	ug/l	100
28) Bromochloromethane	4.55	49	33139	21.944	ug/l	100
29) Tetrahydrofuran	4.64	42	93821	92.663	ug/l	98
30) Chloroform	4.68	83	52466	18.865	ug/l	98
31) Cyclohexane	5.00	56	55209	17.104	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	43031	18.372	ug/l	100
36) 1,1-Dichloropropene	5.14	75	38693	17.132	ug/l	98
37) Ethyl Acetate	4.39	43	53750	18.414	ug/l	99
38) Carbon Tetrachloride	5.14	117	35983	17.637	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	44736	16.945	ug/l	98
40) Benzene	5.39	78	117519	17.863	ug/l	98
41) Methacrylonitrile	4.55	41	29568	17.922	ug/l	99
42) 1,2-Dichloroethane	5.41	62	45044	18.445	ug/l	100
43) Isopropyl Acetate	5.55	43	82423	18.181	ug/l	99
44) Trichloroethene	6.19	130	26816	18.280	ug/l	98
45) 1,2-Dichloropropane	6.44	63	34630	18.250	ug/l	97
46) Dibromomethane	6.56	93	19575	18.265	ug/l	98
47) Bromodichloromethane	6.76	83	39688	17.847	ug/l	100
48) Methyl methacrylate	6.63	41	40189	17.827	ug/l	98
49) 1,4-Dioxane	6.62	88	13929	359.097	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	271969	92.322	ug/l	100
52) Toluene	7.64	92	71061	18.249	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	46923	17.996	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	50421	17.988	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	28763	18.630	ug/l	98
56) Ethyl methacrylate	8.02	69	46389	17.249	ug/l	99
57) 1,3-Dichloropropane	8.24	76	54467	18.173	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	137951	90.398	ug/l	99
59) 2-Hexanone	8.36	43	208286	91.146	ug/l	100
60) Dibromochloromethane	8.48	129	28096	18.145	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29752	18.125	ug/l	100
64) Tetrachloroethene	8.23	164	22696	18.584	ug/l	98
65) Chlorobenzene	9.12	112	75442	18.270	ug/l	98
66) 1,1,1,2-Tetrachloroethane	9.21	131	25332	17.770	ug/l	98
67) Ethyl Benzene	9.25	91	132008	18.043	ug/l	100
68) m/p-Xylenes	9.38	106	98202	36.696	ug/l	100
69) o-Xylene	9.78	106	46183	18.160	ug/l	100
70) Styrene	9.79	104	77590	17.871	ug/l	99
71) Bromoform	9.96	173	19914	17.363	ug/l #	100
73) Isopropylbenzene	10.17	105	128425	17.711	ug/l	99
74) N-amyl acetate	10.02	43	69653	16.779	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	49936	17.538	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	44574m	17.223	ug/l	
77) Bromobenzene	10.46	156	30179	17.908	ug/l	96
78) n-propylbenzene	10.59	91	157100	18.030	ug/l	100
79) 2-Chlorotoluene	10.66	91	91983	17.484	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	107079	18.138	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	17022m	17.213	ug/l	
82) 4-Chlorotoluene	10.77	91	107595	18.022	ug/l	99
83) tert-Butylbenzene	11.10	119	100864	17.673	ug/l	99
84) 1,2,4-Trimethylbenzene	11.15	105	109016	18.077	ug/l	100
85) sec-Butylbenzene	11.32	105	130877	18.200	ug/l	99
86) p-Isopropyltoluene	11.48	119	112876	18.333	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	57363	17.976	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	58633	17.981	ug/l	97
89) n-Butylbenzene	11.89	91	109421	18.044	ug/l	100
90) Hexachloroethane	12.15	117	18894	16.280	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	56139	18.074	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10655	16.885	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	39813	19.809	ug/l	99
94) Hexachlorobutadiene	13.69	225	18497	18.215	ug/l	99
95) Naphthalene	13.74	128	130591	18.386	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	40069	19.136	ug/l	99

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

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