

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU110518\
 Data File : VU027942.D
 Acq On : 05 Nov 2018 09:21
 Operator : MD/SY
 Sample : VU1105WBS01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1105WBS01

Manual Integrations
 APPROVED

MMDadoda
 11/6/2018 12:06:43 PM

Quant Time: Nov 06 03:54:46 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U110218W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 02 02:28:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.98	168	188421	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	314577	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	293404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	138647	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	122525	43.74	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.48%	
35) Dibromofluoromethane	4.88	113	91501	46.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.26%	
50) Toluene-d8	7.57	98	347968	45.42	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.84%	
62) 4-Bromofluorobenzene	10.31	95	128702	45.54	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.08%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	39085	16.325	ug/l	96
3) Chloromethane	1.33	50	51858	17.909	ug/l	100
4) Vinyl Chloride	1.40	62	50825	17.685	ug/l	100
5) Bromomethane	1.62	94	24854	23.372	ug/l	96
6) Chloroethane	1.70	64	30244	18.262	ug/l	96
7) Trichlorofluoromethane	1.89	101	61696	18.578	ug/l	96
8) Diethyl Ether	2.11	74	26441	18.595	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	38626	19.579	ug/l	98
10) Methyl Iodide	2.41	142	30586	22.021	ug/l	99
11) Tert butyl alcohol	2.83	59	67200	90.614	ug/l	99
12) 1,1-Dichloroethene	2.29	96	35907	18.183	ug/l	95
13) Acrolein	2.20	56	19371	66.010	ug/l	99
14) Allyl chloride	2.59	41	87023	18.031	ug/l	98
15) Acrylonitrile	2.94	53	170048	93.346	ug/l	99
16) Acetone	2.32	43	173167	99.632	ug/l	100
17) Carbon Disulfide	2.48	76	114306	17.709	ug/l	100
18) Methyl Acetate	2.62	43	86804	18.155	ug/l	98
19) Methyl tert-butyl Ether	3.00	73	149582	18.783	ug/l	99
20) Methylene Chloride	2.70	84	47449	18.698	ug/l	99
21) trans-1,2-Dichloroethene	2.98	96	41240	18.096	ug/l	100
22) Diisopropyl ether	3.57	45	188733	18.941	ug/l	94
23) Vinyl Acetate	3.53	43	818060	95.528	ug/l	99
24) 1,1-Dichloroethane	3.45	63	92282	18.593	ug/l	99
25) 2-Butanone	4.26	43	259565	93.872	ug/l	98
26) 2,2-Dichloropropane	4.23	77	73706	19.789	ug/l	98
27) cis-1,2-Dichloroethene	4.23	96	48772	19.084	ug/l	99
28) Bromochloromethane	4.55	49	40780	17.527	ug/l	99
29) Tetrahydrofuran	4.64	42	165643	89.713	ug/l	99
30) Chloroform	4.67	83	82179	18.058	ug/l	96
31) Cyclohexane	5.00	56	94817	18.400	ug/l	98
32) 1,1,1-Trichloroethane	4.92	97	69713	19.244	ug/l	99
36) 1,1-Dichloropropene	5.14	75	62978	19.115	ug/l	99
37) Ethyl Acetate	4.38	43	91363	18.926	ug/l	99
38) Carbon Tetrachloride	5.13	117	57279	19.618	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	78707	19.807	ug/l	98
40) Benzene	5.39	78	193881	19.247	ug/l	99
41) Methacrylonitrile	4.54	41	50867	19.745	ug/l	97
42) 1,2-Dichloroethane	5.40	62	68263	19.065	ug/l	99
43) Isopropyl Acetate	5.55	43	142543	18.847	ug/l	100
44) Trichloroethene	6.19	130	42790	19.762	ug/l	96
45) 1,2-Dichloropropane	6.43	63	57239	19.703	ug/l	99
46) Dibromomethane	6.56	93	32431	19.422	ug/l	98
47) Bromodichloromethane	6.76	83	64753	20.123	ug/l	96
48) Methyl methacrylate	6.62	41	71939	19.410	ug/l	98
49) 1,4-Dioxane	6.61	88	25007	413.558	ug/l	99
51) 4-Methyl-2-Pentanone	7.46	43	481762	95.381	ug/l	100
52) Toluene	7.64	92	113432	19.155	ug/l	98
53) t-1,3-Dichloropropene	7.88	75	74517	19.374	ug/l	100
54) cis-1,3-Dichloropropene	7.27	75	82589	20.819	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	45956	19.075	ug/l	99
56) Ethyl methacrylate	8.02	69	84870	19.975	ug/l	99
57) 1,3-Dichloropropane	8.24	76	85304	19.437	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	223589	98.258	ug/l	100
59) 2-Hexanone	8.36	43	380220	97.329	ug/l	99
60) Dibromochloromethane	8.48	129	45352	19.892	ug/l	98
61) 1,2-Dibromoethane	8.58	107	48714	19.029	ug/l	95
64) Tetrachloroethene	8.23	164	36280	19.070	ug/l	98
65) Chlorobenzene	9.12	112	116060	18.723	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	42392	20.022	ug/l	100
67) Ethyl Benzene	9.25	91	220270	19.305	ug/l	100
68) m/p-Xylenes	9.38	106	162552	39.264	ug/l	100
69) o-Xylene	9.78	106	78975	18.891	ug/l	97
70) Styrene	9.79	104	128766	19.277	ug/l	99
71) Bromoform	9.96	173	35573	20.047	ug/l #	96
73) Isopropylbenzene	10.17	105	211866	19.725	ug/l	100
74) N-amyl acetate	10.01	43	129387	19.922	ug/l	100
75) 1,1,2,2-Tetrachloroethane	10.46	83	86136	19.881	ug/l	98
76) 1,2,3-Trichloropropane	10.49	75	71315m	18.805	ug/l	
77) Bromobenzene	10.45	156	50179	20.374	ug/l	98
78) n-propylbenzene	10.59	91	256178	19.926	ug/l	100
79) 2-Chlorotoluene	10.66	91	150804	19.569	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	176059	19.787	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	28207m	18.736	ug/l	
82) 4-Chlorotoluene	10.77	91	170464	19.484	ug/l	99
83) tert-Butylbenzene	11.10	119	173247	19.477	ug/l	98
84) 1,2,4-Trimethylbenzene	11.15	105	179056	19.985	ug/l	99
85) sec-Butylbenzene	11.32	105	216618	20.024	ug/l	100
86) p-Isopropyltoluene	11.48	119	180082	19.913	ug/l	99
87) 1,3-Dichlorobenzene	11.42	146	89601	19.694	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	89488	19.190	ug/l	98
89) n-Butylbenzene	11.89	91	168592	19.616	ug/l	99
90) Hexachloroethane	12.15	117	32819	20.384	ug/l	96
91) 1,2-Dichlorobenzene	11.88	146	90681	19.820	ug/l	100
92) 1,2-Dibromo-3-Chloropropan	12.66	75	18073	19.797	ug/l	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	58699	18.728	ug/l	98
94) Hexachlorobutadiene	13.69	225	30176	20.752	ug/l	98
95) Naphthalene	13.74	128	207726	18.150	ug/l	99
96) 1,2,3-Trichlorobenzene	13.99	180	59653	19.430	ug/l	99

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

