

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100218\
 Data File : VU027339.D
 Acq On : 02 Oct 2018 11:04
 Operator : MD/SY
 Sample : VU1002WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1002WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/3/2018 6:14:44 PM

Quant Time: Oct 03 02:18:25 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	107330	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	181912	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	171912	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	82470	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	89718	50.06	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.12%	
35) Dibromofluoromethane	4.89	113	62949	50.49	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.98%	
50) Toluene-d8	7.57	98	240381	51.52	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.04%	
62) 4-Bromofluorobenzene	10.31	95	83835	48.35	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.70%	

Target Compounds

					Qvalue	
2) Dichlorodifluoromethane	1.21	85	32834	21.219	ug/l	95
3) Chloromethane	1.33	50	43663	20.842	ug/l	100
4) Vinyl Chloride	1.40	62	40334	20.481	ug/l	99
5) Bromomethane	1.62	94	16928	19.866	ug/l	96
6) Chloroethane	1.70	64	22472	18.990	ug/l	100
7) Trichlorofluoromethane	1.89	101	42359	21.199	ug/l	95
8) Diethyl Ether	2.11	74	18502	20.101	ug/l	99
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24136	20.800	ug/l	95
10) Methyl Iodide	2.41	142	16065	21.514	ug/l	99
11) Tert butyl alcohol	2.83	59	39250	103.998	ug/l	98
12) 1,1-Dichloroethene	2.28	96	22024	19.426	ug/l	89
13) Acrolein	2.20	56	27784	87.733	ug/l	99
14) Allyl chloride	2.59	41	53295	19.796	ug/l	97
15) Acrylonitrile	2.94	53	101745	103.578	ug/l	99
16) Acetone	2.32	43	100412	94.838	ug/l	99
17) Carbon Disulfide	2.48	76	76535	18.718	ug/l	99
18) Methyl Acetate	2.62	43	50306	20.828	ug/l	100
19) Methyl tert-butyl Ether	3.00	73	90822	19.993	ug/l	99
20) Methylene Chloride	2.70	84	29100	19.731	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	25341	19.909	ug/l	97
22) Diisopropyl ether	3.58	45	112980	20.647	ug/l	97
23) Vinyl Acetate	3.53	43	488715	102.269	ug/l	100
24) 1,1-Dichloroethane	3.45	63	58126	20.663	ug/l	99
25) 2-Butanone	4.27	43	149668	103.662	ug/l	100
26) 2,2-Dichloropropane	4.23	77	45071	19.499	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27795	19.095	ug/l	94
28) Bromochloromethane	4.55	49	27507	20.268	ug/l	99
29) Tetrahydrofuran	4.64	42	96461	106.012	ug/l	100
30) Chloroform	4.67	83	51956	20.788	ug/l	99
31) Cyclohexane	5.00	56	54329	18.752	ug/l	94
32) 1,1,1-Trichloroethane	4.92	97	42937	20.398	ug/l	98
36) 1,1-Dichloropropene	5.14	75	38677	19.582	ug/l	98
37) Ethyl Acetate	4.38	43	52054	20.392	ug/l	99
38) Carbon Tetrachloride	5.14	117	35927	20.136	ug/l	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	43274	18.743	ug/l	98
40) Benzene	5.39	78	117937	20.499	ug/l	98
41) Methacrylonitrile	4.55	41	30375	21.053	ug/l	98
42) 1,2-Dichloroethane	5.41	62	44353	20.768	ug/l	100
43) Isopropyl Acetate	5.55	43	80330	20.262	ug/l	99
44) Trichloroethene	6.19	130	25203	19.645	ug/l	100
45) 1,2-Dichloropropane	6.43	63	34252	20.640	ug/l	98
46) Dibromomethane	6.56	93	20010	21.350	ug/l	98
47) Bromodichloromethane	6.76	83	40014	20.575	ug/l	100
48) Methyl methacrylate	6.62	41	40399	20.491	ug/l	97
49) 1,4-Dioxane	6.61	88	14745	434.674	ug/l	98
51) 4-Methyl-2-Pentanone	7.46	43	273491	106.159	ug/l	99
52) Toluene	7.64	92	68892	20.230	ug/l	100
53) t-1,3-Dichloropropene	7.88	75	45052	19.758	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48936	19.963	ug/l	97
55) 1,1,2-Trichloroethane	8.07	97	28105	20.816	ug/l	99
56) Ethyl methacrylate	8.02	69	44480	18.693	ug/l	98
57) 1,3-Dichloropropane	8.24	76	52620	20.076	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	129471	96.411	ug/l	98
59) 2-Hexanone	8.36	43	211143	105.653	ug/l	98
60) Dibromochloromethane	8.48	129	27257	20.128	ug/l	99
61) 1,2-Dibromoethane	8.59	107	29369	20.458	ug/l	99
64) Tetrachloroethene	8.23	164	21698	20.275	ug/l	97
65) Chlorobenzene	9.12	112	70508	19.485	ug/l	97
66) 1,1,1,2-Tetrachloroethane	9.21	131	25348	20.291	ug/l	99
67) Ethyl Benzene	9.25	91	123088	19.199	ug/l	100
68) m/p-Xylenes	9.38	106	92059	39.256	ug/l	100
69) o-Xylene	9.78	106	43745	19.629	ug/l	99
70) Styrene	9.79	104	72404	18.881	ug/l	99
71) Bromoform	9.96	173	19126	19.030	ug/l #	100
73) Isopropylbenzene	10.17	105	120146	20.059	ug/l	99
74) N-amyl acetate	10.02	43	67239	19.609	ug/l	99
75) 1,1,2,2-Tetrachloroethane	10.46	83	48817	20.756	ug/l	99
76) 1,2,3-Trichloropropane	10.49	75	44645m	20.883	ug/l	
77) Bromobenzene	10.45	156	27651	19.864	ug/l	98
78) n-propylbenzene	10.59	91	140187	19.478	ug/l	99
79) 2-Chlorotoluene	10.66	91	85206	19.607	ug/l	98
80) 1,3,5-Trimethylbenzene	10.77	105	98671	20.234	ug/l	98
81) trans-1,4-Dichloro-2-buten	10.51	75	12708m	15.557	ug/l	
82) 4-Chlorotoluene	10.77	91	96253	19.518	ug/l	98
83) tert-Butylbenzene	11.10	119	93927	19.924	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	99669	20.009	ug/l	100
85) sec-Butylbenzene	11.32	105	117146	19.722	ug/l	99
86) p-Isopropyltoluene	11.48	119	99272	19.520	ug/l	100
87) 1,3-Dichlorobenzene	11.42	146	49239	18.680	ug/l	99
88) 1,4-Dichlorobenzene	11.51	146	50700	18.823	ug/l	98
89) n-Butylbenzene	11.89	91	84864	17.061	ug/l	98
90) Hexachloroethane	12.15	117	18454	19.250	ug/l	100
91) 1,2-Dichlorobenzene	11.88	146	49768	19.397	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10759	20.641	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.50	180	29431	17.728	ug/l	99
94) Hexachlorobutadiene	13.69	225	15514	18.496	ug/l	97
95) Naphthalene	13.74	128	101610	17.416	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	32007	18.505	ug/l	99

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

