

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU100418\
 Data File : VU027368.D
 Acq On : 03 Oct 2018 20:19
 Operator : MD/SY
 Sample : VU1004WBSD01
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU1004WBSD01

Manual Integrations
 APPROVED

MMDadoda
 10/8/2018 1:52:28 PM

Quant Time: Oct 04 00:16:11 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	105059	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.89	114	180962	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.09	117	165577	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.48	152	81143	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.31	65	87672	49.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.96%	
35) Dibromofluoromethane	4.89	113	61896	49.91	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.82%	
50) Toluene-d8	7.57	98	231105	49.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	99.58%	
62) 4-Bromofluorobenzene	10.31	95	79965	46.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	92.72%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	32427	21.409	ug/l	96
3) Chloromethane	1.33	50	41690	20.330	ug/l	99
4) Vinyl Chloride	1.40	62	39388	20.433	ug/l	99
5) Bromomethane	1.62	94	19414	23.276	ug/l	96
6) Chloroethane	1.70	64	23099	19.942	ug/l	99
7) Trichlorofluoromethane	1.89	101	42043	21.496	ug/l	98
8) Diethyl Ether	2.11	74	17687	19.631	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.29	101	24469	21.542	ug/l	99
10) Methyl Iodide	2.41	142	28362	32.110	ug/l	100
11) Tert butyl alcohol	2.83	59	35760	96.799	ug/l	99
12) 1,1-Dichloroethene	2.29	96	22579	20.346	ug/l	98
13) Acrolein	2.20	56	13262	42.782	ug/l	99
14) Allyl chloride	2.59	41	50808	19.280	ug/l	97
15) Acrylonitrile	2.94	53	100257	104.269	ug/l	99
16) Acetone	2.32	43	92372	89.130	ug/l	100
17) Carbon Disulfide	2.48	76	74605	18.640	ug/l	100
18) Methyl Acetate	2.62	43	52312	22.126	ug/l	97
19) Methyl tert-butyl Ether	3.00	73	86431	19.438	ug/l	98
20) Methylene Chloride	2.70	84	30481	21.114	ug/l	98
21) trans-1,2-Dichloroethene	2.98	96	24916	19.998	ug/l	99
22) Diisopropyl ether	3.58	45	109617	20.466	ug/l	96
23) Vinyl Acetate	3.53	43	458217	97.960	ug/l	100
24) 1,1-Dichloroethane	3.45	63	57705	20.957	ug/l	99
25) 2-Butanone	4.27	43	138621	98.086	ug/l	98
26) 2,2-Dichloropropane	4.23	77	41636	18.402	ug/l	99
27) cis-1,2-Dichloroethene	4.23	96	27585	19.361	ug/l	98
28) Bromochloromethane	4.55	49	28850	21.717	ug/l	99
29) Tetrahydrofuran	4.64	42	89325	100.291	ug/l	99
30) Chloroform	4.68	83	52531	21.473	ug/l	98
31) Cyclohexane	5.00	56	51408	18.119	ug/l	96
32) 1,1,1-Trichloroethane	4.92	97	43023	20.881	ug/l	98
36) 1,1-Dichloropropene	5.14	75	36399	18.525	ug/l	98
37) Ethyl Acetate	4.39	43	52227	20.567	ug/l	98
38) Carbon Tetrachloride	5.14	117	36346	20.478	ug/l	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	6.42	83	40427	17.601	ug/l	98
40) Benzene	5.39	78	117102	20.460	ug/l	99
41) Methacrylonitrile	4.55	41	28480	19.843	ug/l	97
42) 1,2-Dichloroethane	5.41	62	45264	21.306	ug/l	99
43) Isopropyl Acetate	5.55	43	77576	19.670	ug/l	98
44) Trichloroethene	6.19	130	24199	18.962	ug/l	95
45) 1,2-Dichloropropane	6.44	63	33369	20.214	ug/l	100
46) Dibromomethane	6.56	93	19815	21.253	ug/l	99
47) Bromodichloromethane	6.76	83	39760	20.552	ug/l	99
48) Methyl methacrylate	6.63	41	38685	19.725	ug/l	96
49) 1,4-Dioxane	6.62	88	14251	422.317	ug/l	97
51) 4-Methyl-2-Pentanone	7.46	43	259427	101.228	ug/l	99
52) Toluene	7.64	92	66968	19.769	ug/l	99
53) t-1,3-Dichloropropene	7.88	75	43394	19.131	ug/l	99
54) cis-1,3-Dichloropropene	7.27	75	48036	19.699	ug/l	99
55) 1,1,2-Trichloroethane	8.07	97	28482	21.206	ug/l	96
56) Ethyl methacrylate	8.02	69	41175	17.553	ug/l	100
57) 1,3-Dichloropropane	8.24	76	52094	19.979	ug/l	99
58) 2-Chloroethyl Vinyl ether	7.13	63	130264	97.417	ug/l	100
59) 2-Hexanone	8.36	43	197803	99.498	ug/l	98
60) Dibromochloromethane	8.48	129	26985	20.032	ug/l	97
61) 1,2-Dibromoethane	8.59	107	28059	19.648	ug/l	97
64) Tetrachloroethene	8.23	164	20899	20.276	ug/l	98
65) Chlorobenzene	9.12	112	68738	19.722	ug/l	100
66) 1,1,1,2-Tetrachloroethane	9.21	131	25904	21.530	ug/l	97
67) Ethyl Benzene	9.25	91	117170	18.975	ug/l	98
68) m/p-Xylenes	9.38	106	88877	39.349	ug/l	100
69) o-Xylene	9.78	106	41832	19.489	ug/l	100
70) Styrene	9.79	104	70083	18.963	ug/l	100
71) Bromoform	9.96	173	19331	19.970	ug/l	# 100
73) Isopropylbenzene	10.17	105	114432	19.417	ug/l	100
74) N-amyl acetate	10.02	43	64764	19.196	ug/l	97
75) 1,1,2,2-Tetrachloroethane	10.46	83	48641	21.020	ug/l	100
76) 1,2,3-Trichloropropane	10.49	75	41740m	19.844	ug/l	
77) Bromobenzene	10.45	156	27313	19.942	ug/l	96
78) n-propylbenzene	10.59	91	136848	19.325	ug/l	100
79) 2-Chlorotoluene	10.66	91	83983	19.642	ug/l	99
80) 1,3,5-Trimethylbenzene	10.77	105	97534	20.328	ug/l	99
81) trans-1,4-Dichloro-2-buten	10.51	75	15343m	19.090	ug/l	
82) 4-Chlorotoluene	10.77	91	96178	19.822	ug/l	99
83) tert-Butylbenzene	11.10	119	89043	19.197	ug/l	100
84) 1,2,4-Trimethylbenzene	11.15	105	99572	20.316	ug/l	99
85) sec-Butylbenzene	11.32	105	114429	19.580	ug/l	100
86) p-Isopropyltoluene	11.48	119	96994	19.384	ug/l	98
87) 1,3-Dichlorobenzene	11.42	146	50254	19.377	ug/l	98
88) 1,4-Dichlorobenzene	11.51	146	52911	19.965	ug/l	99
89) n-Butylbenzene	11.89	91	85941	17.503	ug/l	99
90) Hexachloroethane	12.15	117	19310	20.473	ug/l	99
91) 1,2-Dichlorobenzene	11.88	146	50502	20.005	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	12.66	75	10574	20.618	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	31797	19.466	ug/l	98
94) Hexachlorobutadiene	13.69	225	16874	20.446	ug/l	100
95) Naphthalene	13.75	128	104083	18.063	ug/l	100
96) 1,2,3-Trichlorobenzene	13.99	180	34557	20.306	ug/l	99

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

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