

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U113018\
 Data File : VU028409.D
 Acq On : 30 Nov 2018 09:27
 Operator : MD/SY
 Sample : VSTD01054
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD01054

Quant Time: Nov 30 22:53:18 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM113018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 30 22:49:59 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	512848	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	476948	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	222248	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	44617	9.72	ug/L	0.00
7) Chloroethane-d5	1.68	69	34443	9.78	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.28	63	79484	9.74	ug/L	0.00
21) 2-Butanone-d5	4.18	46	74324	19.74	ug/L	0.00
24) Chloroform-d	4.65	84	71822	9.70	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	51023	10.12	ug/L	0.00
32) Benzene-d6	5.34	84	149228	10.05	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	53803	10.04	ug/L	0.00
41) Toluene-d8	7.57	98	135068	10.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	23440	9.69	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	50443	19.49	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	68786	10.04	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	44490	9.95	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	44988	9.811 ug/L	97
3) Chloromethane	1.33	50	64787	9.778 ug/L	99
5) Vinyl chloride	1.40	62	57209	10.095 ug/L	100
6) Bromomethane	1.63	94	15354	9.626 ug/L	100
8) Chloroethane	1.70	64	31994	10.057 ug/L	100
9) Trichlorofluoromethane	1.89	101	57852	10.024 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	33481	9.994 ug/L	99
12) 1,1-Dichloroethene	2.29	96	32238	9.961 ug/L	93
13) Acetone	2.32	43	90171	23.018 ug/L	97
14) Carbon disulfide	2.48	76	123270	10.061 ug/L	99
15) Methyl Acetate	2.62	43	61119	10.546 ug/L	97
16) Methylene chloride	2.70	84	42941	10.250 ug/L	95
17) trans-1,2-Dichloroethene	2.98	96	37140	10.126 ug/L	93
18) Methyl tert-butyl Ether	3.00	73	129712	10.177 ug/L	99
19) 1,1-Dichloroethane	3.45	63	80547	10.166 ug/L	98
20) cis-1,2-Dichloroethene	4.23	96	40699	9.648 ug/L	97
22) 2-Butanone	4.27	43	103941	21.195 ug/L	97
23) Bromochloromethane	4.55	128	18733	10.151 ug/L	98
25) Chloroform	4.67	83	73103	10.078 ug/L	96
27) 1,2-Dichloroethane	5.40	62	61177	10.187 ug/L	98
29) Cyclohexane	4.99	56	79245	10.238 ug/L	98
30) 1,1,1-Trichloroethane	4.91	97	57863	10.249 ug/L	99
31) Carbon tetrachloride	5.13	117	47176	10.375 ug/L	95
33) Benzene	5.39	78	169097	10.321 ug/L	100
34) Trichloroethene	6.19	95	38897	9.929 ug/L	98
35) Methylcyclohexane	6.42	83	67326	9.873 ug/L	98
37) 1,2-Dichloropropane	6.43	63	50019	10.297 ug/L	99
38) Bromodichloromethane	6.76	83	55391	10.276 ug/L	97
39) cis-1,3-Dichloropropene	7.27	75	71192	10.322 ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	159452	20.755 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	168513	10.107	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	63008	9.969	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	38618	10.223	ug/L	99
46) Tetrachloroethene	8.22	164	28168	10.225	ug/L	99
48) 2-Hexanone	8.36	43	134230	20.796	ug/L	99
49) Dibromochloromethane	8.48	129	40249	10.416	ug/L	89
50) 1,2-Dibromoethane	8.58	107	40697	10.023	ug/L	96
51) Chlorobenzene	9.12	112	100765	10.131	ug/L	99
52) Ethylbenzene	9.25	91	184113	9.996	ug/L	99
53) m,p-Xylene	9.37	106	65089	9.908	ug/L	97
54) o-xylene	9.78	106	64499	9.913	ug/L	97
55) Styrene	9.79	104	108383	9.722	ug/L	98
56) Isopropylbenzene	10.17	105	170313	9.922	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.46	83	71669	10.171	ug/L	98
59) 1,2,3-Trichloropropane	10.49	75	56894	10.318	ug/L	97
61) Bromoform	9.96	173	27112	9.917	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	72552	10.016	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	74725	10.244	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	74878	10.414	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.66	75	14779	10.203	ug/L	97
67) 1,3,5-Trichlorobenzene	12.89	180	53118	9.968	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	48564	9.785	ug/L	97
69) Naphthalene	13.74	128	174159	10.064	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	50587	10.119	ug/L	98

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

