

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU113018\
 Data File : VU028412.D
 Acq On : 30 Nov 2018 10:37
 Operator : MD/SY
 Sample : VSTD20057
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20057

Quant Time: Nov 30 22:54:41 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	477648	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	468902	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	237260	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	862899	201.92	ug/L	0.00
7) Chloroethane-d5	1.67	69	661412	201.59	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	1554903	204.60	ug/L	0.00
21) 2-Butanone-d5	4.17	46	1442919	411.41	ug/L	0.00
24) Chloroform-d	4.65	84	1407937	204.23	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	914378	194.77	ug/L	0.00
32) Benzene-d6	5.34	84	2903601	198.90	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	1041661	197.78	ug/L	0.00
41) Toluene-d8	7.57	98	2632597	199.00	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	491875	206.82	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	1057095	415.53	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	1402996	208.37	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	954697	200.08	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.21	85	865026	202.541	ug/L	100
3) Chloromethane	1.33	50	1302344	211.045	ug/L	99
5) Vinyl chloride	1.40	62	1074191	203.527	ug/L	99
6) Bromomethane	1.61	94	292076	196.602	ug/L	100
8) Chloroethane	1.69	64	583095	196.790	ug/L	99
9) Trichlorofluoromethane	1.88	101	1082580	201.402	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	618885	198.344	ug/L	100
12) 1,1-Dichloroethene	2.28	96	614803	203.966	ug/L	93
13) Acetone	2.32	43	1199268	328.699	ug/L	98
14) Carbon disulfide	2.48	76	2315948	202.944	ug/L	100
15) Methyl Acetate	2.61	43	1069561	198.146	ug/L	99
16) Methylene chloride	2.70	84	784561	201.067	ug/L	99
17) trans-1,2-Dichloroethene	2.98	96	693746	203.088	ug/L	95
18) Methyl tert-butyl Ether	3.00	73	2371226	199.759	ug/L	100
19) 1,1-Dichloroethane	3.45	63	1487048	201.523	ug/L	99
20) cis-1,2-Dichloroethene	4.22	96	800875	203.847	ug/L	98
22) 2-Butanone	4.26	43	1705224	373.346	ug/L	98
23) Bromochloromethane	4.55	128	339543	197.553	ug/L	96
25) Chloroform	4.67	83	1358487	201.073	ug/L	98
27) 1,2-Dichloroethane	5.40	62	1118517	199.984	ug/L	100
29) Cyclohexane	5.00	56	1489047	195.673	ug/L	98
30) 1,1,1-Trichloroethane	4.92	97	1102687	198.672	ug/L	100
31) Carbon tetrachloride	5.13	117	892253	199.590	ug/L	99
33) Benzene	5.39	78	3180131	197.437	ug/L	100
34) Trichloroethene	6.18	95	774728	201.156	ug/L	99
35) Methylcyclohexane	6.41	83	1336354	199.328	ug/L	100
37) 1,2-Dichloropropane	6.43	63	938631	196.540	ug/L	100
38) Bromodichloromethane	6.76	83	1054025	198.900	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	1395474	205.791	ug/L	99
40) 4-Methyl-2-pentanone	7.46	43	3008686	398.352	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	3301606	201.411	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	1283021	206.488	ug/L	99
45) 1,1,2-Trichloroethane	8.07	97	747900	201.380	ug/L	98
46) Tetrachloroethene	8.23	164	535924	197.876	ug/L	98
48) 2-Hexanone	8.36	43	2468564	389.018	ug/L	100
49) Dibromochloromethane	8.48	129	778211	204.850	ug/L	97
50) 1,2-Dibromoethane	8.58	107	795587	199.294	ug/L	97
51) Chlorobenzene	9.12	112	1990021	203.513	ug/L	100
52) Ethylbenzene	9.25	91	3723729	205.645	ug/L	100
53) m,p-Xylene	9.37	106	1329371	205.837	ug/L	97
54) o-xylene	9.78	106	1319973	206.347	ug/L	100
55) Styrene	9.79	104	2309068	210.686	ug/L	99
56) Isopropylbenzene	10.17	105	3477666	206.079	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	1411996	203.815	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	1088430	200.776	ug/L	100
61) Bromoform	9.96	173	588400	201.610	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	1544268	199.701	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	1557034	199.948	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1532800	199.699	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	311103	201.196	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	1180926	207.592	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	1106133	208.776	ug/L	99
69) Naphthalene	13.74	128	3833683	207.513	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	1095878	205.341	ug/L	99

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

