

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028521.D
 Acq On : 07 Dec 2018 09:47
 Operator : MD/SY
 Sample : VSTD00554
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD00554

Quant Time: Dec 07 22:41:05 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM120718WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 07 22:38:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	163058	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	154264	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	71868	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	7391	5.04	ug/L	0.00
7) Chloroethane-d5	1.68	69	5685	5.07	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	13564	5.22	ug/L	0.00
21) 2-Butanone-d5	4.18	46	11023	9.25	ug/L	0.00
24) Chloroform-d	4.65	84	11685	4.97	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	7980	5.00	ug/L	0.00
32) Benzene-d6	5.34	84	23580	4.93	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	8668	5.02	ug/L	0.00
41) Toluene-d8	7.57	98	22118	5.10	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	3802	4.87	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	7413	8.92	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	10725	4.86	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	7262	5.06	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	7628	5.373 ug/L	100
3) Chloromethane	1.33	50	11517	5.563 ug/L	99
5) Vinyl chloride	1.41	62	10341	5.839 ug/L	99
6) Bromomethane	1.63	94	3189	6.318 ug/L	97
8) Chloroethane	1.70	64	5980	6.000 ug/L	96
9) Trichlorofluoromethane	1.89	101	10492	5.772 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.29	101	6131	5.767 ug/L	99
12) 1,1-Dichloroethene	2.29	96	5913	5.798 ug/L #	77
13) Acetone	2.32	43	17903	14.433 ug/L	97
14) Carbon disulfide	2.48	76	22936	5.962 ug/L	98
15) Methyl Acetate	2.62	43	10490	5.759 ug/L	98
16) Methylene chloride	2.70	84	8071	6.117 ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	7038	6.075 ug/L	99
18) Methyl tert-butyl Ether	3.00	73	23167	5.765 ug/L	99
19) 1,1-Dichloroethane	3.45	63	14925	5.956 ug/L	98
20) cis-1,2-Dichloroethene	4.22	96	7786	5.826 ug/L	99
22) 2-Butanone	4.27	43	18629	12.160 ug/L	96
23) Bromochloromethane	4.55	128	3624	6.186 ug/L	89
25) Chloroform	4.67	83	13588	5.934 ug/L	94
27) 1,2-Dichloroethane	5.40	62	11184	5.897 ug/L	98
29) Cyclohexane	5.00	56	14262	5.767 ug/L	99
30) 1,1,1-Trichloroethane	4.91	97	10904	6.023 ug/L	98
31) Carbon tetrachloride	5.13	117	8456	5.807 ug/L	96
33) Benzene	5.39	78	30913	5.882 ug/L	100
34) Trichloroethene	6.19	95	7623	6.033 ug/L	96
35) Methylcyclohexane	6.42	83	12724	5.822 ug/L	98
37) 1,2-Dichloropropane	6.43	63	9318	5.982 ug/L #	96
38) Bromodichloromethane	6.76	83	10071	5.839 ug/L	98
39) cis-1,3-Dichloropropene	7.27	75	12611	5.697 ug/L	96
40) 4-Methyl-2-pentanone	7.46	43	26669	10.912 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

42) Toluene	7.64	91	30551	5.724	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	11973	5.903	ug/L	94
45) 1,1,2-Trichloroethane	8.07	97	7131	5.866	ug/L	96
46) Tetrachloroethene	8.23	164	5194	5.866	ug/L	93
48) 2-Hexanone	8.36	43	23216	11.325	ug/L	97
49) Dibromochloromethane	8.48	129	7323	5.919	ug/L	97
50) 1,2-Dibromoethane	8.59	107	7334	5.647	ug/L	98
51) Chlorobenzene	9.12	112	18890	5.926	ug/L	96
52) Ethylbenzene	9.25	91	34417	5.836	ug/L	99
53) m,p-Xylene	9.37	106	12787	6.063	ug/L	95
54) o-xylene	9.78	106	12022	5.766	ug/L	97
55) Styrene	9.79	104	19697	5.511	ug/L	98
56) Isopropylbenzene	10.17	105	30862	5.605	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.46	83	12886	5.721	ug/L	95
59) 1,2,3-Trichloropropane	10.49	75	10128	5.717	ug/L	98
61) Bromoform	9.96	173	5224	5.965	ug/L #	93
62) 1,3-Dichlorobenzene	11.42	146	14004	6.025	ug/L	98
63) 1,4-Dichlorobenzene	11.51	146	14207	6.064	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	13980	6.048	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.66	75	2715	5.927	ug/L	95
67) 1,3,5-Trichlorobenzene	12.89	180	8972	5.227	ug/L	91
68) 1,2,4-trichlorobenzene	13.50	180	9117	5.706	ug/L	98
69) Naphthalene	13.74	128	28470	5.171	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	8887	5.536	ug/L	98

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

