

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U122018\
 Data File : VU028812.D
 Acq On : 20 Dec 2018 10:10
 Operator : MD/SY
 Sample : VSTD05057
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD05057

Quant Time: Dec 21 03:32:23 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 21 03:28:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	195627	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	188066	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	90289	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	82215	52.42	ug/L	0.00
7) Chloroethane-d5	1.67	69	62159	51.31	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.27	63	135922	51.54	ug/L	0.00
21) 2-Butanone-d5	4.17	46	119070	108.36	ug/L	0.00
24) Chloroform-d	4.65	84	129585	52.54	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	78871	51.88	ug/L	0.00
32) Benzene-d6	5.34	84	279801	52.66	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	93558	51.83	ug/L	0.00
41) Toluene-d8	7.56	98	255366	53.04	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	43300	53.54	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	94042	109.70	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	129211	51.60	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	93189	51.03	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	80312	50.347 ug/L	100
3) Chloromethane	1.33	50	108771	50.146 ug/L	100
5) Vinyl chloride	1.40	62	98734	51.525 ug/L	100
6) Bromomethane	1.61	94	39413	48.286 ug/L	100
8) Chloroethane	1.69	64	56736	51.872 ug/L	100
9) Trichlorofluoromethane	1.88	101	101629	51.864 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	65087	51.338 ug/L	100
12) 1,1-Dichloroethene	2.28	96	63287	50.456 ug/L	100
13) Acetone	2.32	43	115678	103.304 ug/L	100
14) Carbon disulfide	2.48	76	219927	50.210 ug/L	100
15) Methyl Acetate	2.61	43	88781	50.855 ug/L	100
16) Methylene chloride	2.70	84	77837	50.320 ug/L	100
17) trans-1,2-Dichloroethene	2.98	96	69557	51.185 ug/L	100
18) Methyl tert-butyl Ether	3.00	73	213796	51.163 ug/L	100
19) 1,1-Dichloroethane	3.44	63	134681	50.984 ug/L	100
20) cis-1,2-Dichloroethene	4.22	96	78552	51.028 ug/L	100
22) 2-Butanone	4.26	43	142533	104.527 ug/L	100
23) Bromochloromethane	4.55	128	37722	51.403 ug/L	100
25) Chloroform	4.67	83	127846	50.848 ug/L	100
27) 1,2-Dichloroethane	5.40	62	95845	51.293 ug/L	100
29) Cyclohexane	4.99	56	129311	51.661 ug/L	100
30) 1,1,1-Trichloroethane	4.91	97	101694	51.089 ug/L	100
31) Carbon tetrachloride	5.13	117	81702	50.899 ug/L	100
33) Benzene	5.39	78	307744	51.400 ug/L	100
34) Trichloroethene	6.18	95	73204	50.643 ug/L	100
35) Methylcyclohexane	6.41	83	125649	52.191 ug/L	100
37) 1,2-Dichloropropane	6.43	63	85761	51.241 ug/L	100
38) Bromodichloromethane	6.76	83	95714	51.642 ug/L	100
39) cis-1,3-Dichloropropene	7.27	75	122487	51.334 ug/L	100
40) 4-Methyl-2-pentanone	7.46	43	233358	103.733 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	316146	52.089	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	111823	52.574	ug/L	100
45) 1,1,2-Trichloroethane	8.06	97	72634	50.757	ug/L	100
46) Tetrachloroethene	8.22	164	55851	50.168	ug/L	100
48) 2-Hexanone	8.36	43	194267	105.216	ug/L	100
49) Dibromochloromethane	8.48	129	73366	51.471	ug/L	100
50) 1,2-Dibromoethane	8.58	107	77498	52.051	ug/L	100
51) Chlorobenzene	9.12	112	195499	51.109	ug/L	100
52) Ethylbenzene	9.25	91	337186	51.704	ug/L	100
53) m,p-Xylene	9.37	106	126874	52.610	ug/L	100
54) o-xylene	9.78	106	126733	52.434	ug/L	100
55) Styrene	9.79	104	216096	52.790	ug/L	100
56) Isopropylbenzene	10.16	105	318837	52.000	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	132336	50.905	ug/L	100
59) 1,2,3-Trichloropropane	10.49	75	101148	50.643	ug/L	100
61) Bromoform	9.96	173	56211	50.222	ug/L	100
62) 1,3-Dichlorobenzene	11.41	146	143337	49.975	ug/L	100
63) 1,4-Dichlorobenzene	11.50	146	146043	49.422	ug/L	100
65) 1,2-Dichlorobenzene	11.88	146	151432	50.613	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.66	75	25820	50.030	ug/L	100
67) 1,3,5-Trichlorobenzene	12.88	180	107293	50.737	ug/L	100
68) 1,2,4-trichlorobenzene	13.50	180	90544	51.130	ug/L	100
69) Naphthalene	13.74	128	315516	51.318	ug/L	100
70) 1,2,3-Trichlorobenzene	13.98	180	96737	50.660	ug/L	100

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

