

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\U120718\
 Data File : VU028525.D
 Acq On : 07 Dec 2018 11:22
 Operator : MD/SY
 Sample : VSTD20058
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20058

Quant Time: Dec 07 22:42:18 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	152759	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	150900	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	78006	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	301311	219.51	ug/L	0.00
7) Chloroethane-d5	1.67	69	219550	208.83	ug/L	-0.01
11) 1,1-Dichloroethene-d2	2.27	63	517966	212.81	ug/L	0.00
21) 2-Butanone-d5	4.17	46	498590	446.51	ug/L	0.00
24) Chloroform-d	4.65	84	473678	215.14	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	306489	205.04	ug/L	0.00
32) Benzene-d6	5.34	84	970788	207.43	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.33	67	350529	207.66	ug/L	0.00
41) Toluene-d8	7.57	98	893915	210.74	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	168889	220.94	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	366481	451.06	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.43	84	478204	221.45	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.86	152	332130	213.09	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.21	85	245336	184.463	ug/L 98
3) Chloromethane	1.33	50	395066	203.690	ug/L 98
5) Vinyl chloride	1.40	62	333404	200.964	ug/L 99
6) Bromomethane	1.60	94	99299	209.992	ug/L 96
8) Chloroethane	1.68	64	187099	200.378	ug/L 99
9) Trichlorofluoromethane	1.88	101	345209	202.702	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	206568	207.419	ug/L 99
12) 1,1-Dichloroethene	2.28	96	204166	213.695	ug/L 81
13) Acetone	2.32	43	419959	361.376	ug/L 100
14) Carbon disulfide	2.48	76	721687	200.230	ug/L 100
15) Methyl Acetate	2.61	43	354577	207.791	ug/L 99
16) Methylene chloride	2.70	84	259303	209.789	ug/L 98
17) trans-1,2-Dichloroethene	2.98	96	229819	211.731	ug/L 100
18) Methyl tert-butyl Ether	3.00	73	781102	207.489	ug/L 99
19) 1,1-Dichloroethane	3.44	63	487938	207.862	ug/L 99
20) cis-1,2-Dichloroethene	4.22	96	261846	209.147	ug/L 99
22) 2-Butanone	4.26	43	580788	404.660	ug/L 99
23) Bromochloromethane	4.55	128	111948	203.983	ug/L 98
25) Chloroform	4.67	83	447358	208.529	ug/L 100
27) 1,2-Dichloroethane	5.40	62	369405	207.925	ug/L 100
29) Cyclohexane	4.99	56	478877	197.959	ug/L 100
30) 1,1,1-Trichloroethane	4.91	97	363327	205.153	ug/L 100
31) Carbon tetrachloride	5.13	117	297447	208.815	ug/L 97
33) Benzene	5.39	78	1042602	202.810	ug/L 100
34) Trichloroethene	6.18	95	252835	204.560	ug/L 98
35) Methylcyclohexane	6.41	83	428610	200.494	ug/L 99
37) 1,2-Dichloropropane	6.43	63	309511	203.119	ug/L 100
38) Bromodichloromethane	6.76	83	346953	205.648	ug/L 96
39) cis-1,3-Dichloropropene	7.27	75	460506	212.664	ug/L 99
40) 4-Methyl-2-pentanone	7.46	43	995019	416.219	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.64	91	1083372	207.507	ug/L	99
44) trans-1,3-Dichloropropene	7.88	75	423486	213.429	ug/L	99
45) 1,1,2-Trichloroethane	8.06	97	247932	208.496	ug/L	99
46) Tetrachloroethene	8.22	164	178043	205.574	ug/L	98
48) 2-Hexanone	8.36	43	822058	409.944	ug/L	99
49) Dibromochloromethane	8.48	129	258686	213.755	ug/L	99
50) 1,2-Dibromoethane	8.58	107	264836	208.474	ug/L	98
51) Chlorobenzene	9.12	112	654943	210.055	ug/L	98
52) Ethylbenzene	9.25	91	1212524	210.188	ug/L	99
53) m,p-Xylene	9.37	106	439418	213.002	ug/L	100
54) o-xylene	9.78	106	434370	212.975	ug/L	94
55) Styrene	9.79	104	765960	219.087	ug/L	99
56) Isopropylbenzene	10.17	105	1146300	212.813	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.46	83	474240	215.256	ug/L	99
59) 1,2,3-Trichloropropane	10.49	75	366199	211.332	ug/L	99
61) Bromoform	9.96	173	197862	208.145	ug/L	99
62) 1,3-Dichlorobenzene	11.41	146	518667	205.597	ug/L	98
63) 1,4-Dichlorobenzene	11.50	146	525163	206.515	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	522776	208.356	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	105126	211.436	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	402745	216.185	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	371064	213.976	ug/L	98
69) Naphthalene	13.74	128	1282056	214.543	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	367984	211.209	ug/L	98

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

