

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU071618\
 Data File : VU025418.D
 Acq On : 16 Jul 2018 11:38
 Operator : MD/SY
 Sample : VSTD20055
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20055

Quant Time: Jul 17 02:06:01 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM071618WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Jul 17 02:04:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	361308	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	355417	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	198768	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.40	65	395866	188.89	ug/L	0.00
7) Chloroethane-d5	1.66	69	310726	178.54	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.27	63	847365	184.71	ug/L	0.00
21) 2-Butanone-d5	4.17	46	837261	458.17	ug/L	0.00
24) Chloroform-d	4.65	84	931866	202.55	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.31	65	617599	191.62	ug/L	0.00
32) Benzene-d6	5.35	84	1748862	182.14	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.34	67	575244	187.82	ug/L	0.00
41) Toluene-d8	7.57	98	1760610	187.89	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.85	79	307828	200.50	ug/L	0.00
47) 2-Hexanone-d5	8.31	63	657191	456.80	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.44	84	926637	210.88	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.87	152	816816	190.63	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	606531	187.61	ug/L	100
3) Chloromethane	1.33	50	626038	224.59	ug/L	99
5) Vinyl chloride	1.40	62	534760	193.51	ug/L	99
6) Bromomethane	1.60	94	107145	79.94	ug/L	95
8) Chloroethane	1.68	64	297404	178.44	ug/L	99
9) Trichlorofluoromethane	1.88	101	709291	177.65	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	439745	183.87	ug/L	99
12) 1,1-Dichloroethene	2.28	96	412238	189.67	ug/L	95
13) Acetone	2.32	43	638759	339.83	ug/L	99
14) Carbon disulfide	2.47	76	1303655	197.23	ug/L	99
15) Methyl Acetate	2.62	43	595692	207.47	ug/L	99
16) Methylene chloride	2.70	84	522724	201.16	ug/L	97
17) trans-1,2-Dichloroethene	2.98	96	471772	198.75	ug/L	98
18) Methyl tert-butyl Ether	3.00	73	1617314	195.72	ug/L	99
19) 1,1-Dichloroethane	3.45	63	898517	198.45	ug/L	99
20) cis-1,2-Dichloroethene	4.23	96	529469	192.94	ug/L	99
22) 2-Butanone	4.26	43	930955	416.64	ug/L	100
23) Bromochloromethane	4.55	128	256896	184.38	ug/L	98
25) Chloroform	4.68	83	942487	194.98	ug/L	99
27) 1,2-Dichloroethane	5.41	62	768035	191.20	ug/L	98
29) Cyclohexane	5.00	56	792055	176.06	ug/L	100
30) 1,1,1-Trichloroethane	4.92	97	858070	182.98	ug/L	99
31) Carbon tetrachloride	5.14	117	778997	190.27	ug/L	99
33) Benzene	5.39	78	1928767	181.14	ug/L	100
34) Trichloroethene	6.19	95	522402	185.12	ug/L	99
35) Methylcyclohexane	6.42	83	831017	177.09	ug/L	99
37) 1,2-Dichloropropane	6.44	63	530669	185.97	ug/L	100
38) Bromodichloromethane	6.76	83	717502	190.76	ug/L	99
39) cis-1,3-Dichloropropene	7.27	75	872417	194.41	ug/L	98
40) 4-Methyl-2-pentanone	7.46	43	1734413	415.41	ug/L	100

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42) Toluene	7.64	91	2152300	186.39	ug/L	100
44) trans-1,3-Dichloropropene	7.88	75	827720	199.04	ug/L	100
45) 1,1,2-Trichloroethane	8.07	97	520541	191.53	ug/L	99
46) Tetrachloroethene	8.23	164	450686	188.96	ug/L	99
48) 2-Hexanone	8.37	43	1463714	435.45	ug/L	100
49) Dibromochloromethane	8.48	129	630609	200.36	ug/L	99
50) 1,2-Dibromoethane	8.59	107	579241	191.71	ug/L	98
51) Chlorobenzene	9.12	112	1470100	190.43	ug/L	99
52) Ethylbenzene	9.26	91	2483346	191.50	ug/L	99
53) m,p-Xylene	9.38	106	972810	193.77	ug/L	98
54) o-xylene	9.78	106	976026	193.97	ug/L	97
55) Styrene	9.80	104	1675121	203.17	ug/L	98
56) Isopropylbenzene	10.17	105	2553997	193.54	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.46	83	956334	208.04	ug/L	98
59) 1,2,3-Trichloropropane	10.50	75	771834	206.13	ug/L	100
61) Bromoform	9.96	173	479591	189.82	ug/L	99
62) 1,3-Dichlorobenzene	11.42	146	1271083	192.68	ug/L	100
63) 1,4-Dichlorobenzene	11.51	146	1266828	191.28	ug/L	100
65) 1,2-Dichlorobenzene	11.89	146	1297411	186.77	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.66	75	239842	205.93	ug/L	96
67) 1,3,5-Trichlorobenzene	12.89	180	970595	198.13	ug/L	100
68) 1,2,4-trichlorobenzene	13.51	180	863814	210.36	ug/L	100
69) Naphthalene	13.75	128	2953116	212.96	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	900979	203.06	ug/L	100

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

