

Data Path : Z:\VOASRV\HPCHEM1\MSVOA Y\DATA\VY111419\
 Data File : VY000677.D
 Acq On : 14 Nov 2019 17:07
 Operator : SY/MD
 Sample : VSTD20078
 Misc : 5ML/MSVOA Y/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTD20078

Quant Time: Nov 15 09:55:55 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\SOMYLM111419WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 15 09:51:09 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.69	114	347442	50.00	ug/L	0.00
28) Chlorobenzene-d5	11.49	117	329529	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.42	152	167647	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.24	65	493253	180.73	ug/L	0.00
7) Chloroethane-d5	2.76	69	430123	192.41	ug/L	0.00
11) 1,1-Dichloroethene-d2	3.85	63	915153	217.65	ug/L	0.00
21) 2-Butanone-d5	6.90	46	448124	208.12	ug/L	0.00
24) Chloroform-d	7.49	84	829195	210.81	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.15	65	551019	198.57	ug/L	0.00
32) Benzene-d6	8.12	84	1772664	192.37	ug/L	0.00
36) 1,2-Dichloropropane-d6	9.13	67	561386	197.45	ug/L	0.00
41) Toluene-d8	10.18	98	1665041	195.12	ug/L	0.00
43) trans-1,3-Dichloropropene-	10.44	79	300581	211.29	ug/L	0.00
47) 2-Hexanone-d5	10.79	63	356562	212.69	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	12.56	84	678364	202.27	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	13.72	152	611168	188.43	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.90	85	361952	182.434	ug/L	100
3) Chloromethane	2.12	50	473355	179.395	ug/L	100
5) Vinyl chloride	2.25	62	477378	180.437	ug/L	100
6) Bromomethane	2.65	94	278005	182.781	ug/L	96
8) Chloroethane	2.79	64	302120	181.948	ug/L	98
9) Trichlorofluoromethane	3.13	101	727676	186.305	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	3.90	101	399057	183.343	ug/L	99
12) 1,1-Dichloroethene	3.87	96	395078	181.155	ug/L	85
13) Acetone	3.95	43	228599	147.465	ug/L	99
14) Carbon disulfide	4.19	76	1136383	188.907	ug/L	99
15) Methyl Acetate	4.49	43	340995	175.048	ug/L	99
16) Methylene chloride	4.72	84	428646	183.820	ug/L	97
17) trans-1,2-Dichloroethene	5.22	96	419799	184.342	ug/L	96
18) Methyl tert-butyl Ether	5.23	73	1253344	182.835	ug/L	100
19) 1,1-Dichloroethane	6.02	63	748459	182.847	ug/L	97
20) cis-1,2-Dichloroethene	6.99	96	471891	184.875	ug/L	99
22) 2-Butanone	7.00	43	420430	172.360	ug/L	98
23) Bromochloromethane	7.34	128	213261	181.240	ug/L	93
25) Chloroform	7.52	83	821663	175.319	ug/L	96
27) 1,2-Dichloroethane	8.24	62	596253	186.307	ug/L	99
29) Cyclohexane	7.79	56	723551	188.114	ug/L	99
30) 1,1,1-Trichloroethane	7.71	97	679845	188.869	ug/L	98
31) Carbon tetrachloride	7.91	117	609416	189.094	ug/L	98
33) Benzene	8.17	78	1794261	182.787	ug/L	100
34) Trichloroethene	8.94	95	443556	179.959	ug/L	99
35) Methylcyclohexane	9.19	83	774868	190.438	ug/L	99
37) 1,2-Dichloropropane	9.22	63	457405	187.849	ug/L	98
38) Bromodichloromethane	9.50	83	624012	190.766	ug/L	96
39) cis-1,3-Dichloropropene	9.93	75	788013	190.463	ug/L	97
40) 4-Methyl-2-pentanone	10.07	43	1027481	183.917	ug/L	99

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42) Toluene	10.24	91	1984651	191.011	ug/L	98
44) trans-1,3-Dichloropropene	10.47	75	708323	195.528	ug/L	99
45) 1,1,2-Trichloroethane	10.64	97	413352	178.925	ug/L	96
46) Tetrachloroethene	10.72	164	349684	183.362	ug/L	95
48) 2-Hexanone	10.83	43	717362	177.849	ug/L	100
49) Dibromochloromethane	10.99	129	480384	191.975	ug/L	96
50) 1,2-Dibromoethane	11.09	107	433346	187.417	ug/L	98
51) Chlorobenzene	11.52	112	1238280	184.982	ug/L	99
52) Ethylbenzene	11.59	91	2294227	193.484	ug/L	100
53) m,p-Xylene	11.70	106	871055	190.989	ug/L	98
54) o-xylene	12.03	106	868868	194.326	ug/L	99
55) Styrene	12.04	104	1549209	203.918	ug/L	99
56) Isopropylbenzene	12.33	105	2271886	198.520	ug/L	100
58) 1,1,2,2-Tetrachloroethane	12.58	83	605236	185.208	ug/L	97
59) 1,2,3-Trichloropropane	12.63	75	462629	178.929	ug/L	100
61) Bromoform	12.20	173	327730	193.091	ug/L	97
62) 1,3-Dichlorobenzene	13.36	146	973517	185.160	ug/L	98
63) 1,4-Dichlorobenzene	13.44	146	958331	177.915	ug/L	100
65) 1,2-Dichlorobenzene	13.73	146	922800	178.183	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.36	75	105110	168.010	ug/L	93
67) 1,3,5-Trichlorobenzene	14.50	180	627526	171.017	ug/L	98
68) 1,2,4-trichlorobenzene	15.00	180	598663	173.914	ug/L	99
69) Naphthalene	15.23	128	1777781	172.839	ug/L	100
70) 1,2,3-Trichlorobenzene	15.42	180	580206	175.128	ug/L	99

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

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