

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091919\
 Data File : VU034654.D
 Acq On : 19 Sep 2019 17:10
 Operator : JC/SP
 Sample : VSTD20035
 Misc : 5.0mL/MSVOA U/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20035

Quant Time: Sep 19 17:31:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Sep 19 17:16:06 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	500095	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	497548	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	254812	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	963974	399.53	ug/L	0.00
7) Chloroethane-d5	1.65	69	731570	394.25	ug/L	-0.02
11) 1,1-Dichloroethene-d2	2.25	63	1697820	343.92	ug/L	0.00
21) 2-Butanone-d5	4.14	46	1743444	640.83	ug/L	0.00
24) Chloroform-d	4.62	84	1499908	273.82	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	1061721	317.67	ug/L	0.00
32) Benzene-d6	5.31	84	2919228	266.83	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	1033460	253.76	ug/L	0.00
41) Toluene-d8	7.54	98	2809029	264.46	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	532395	274.05	ug/L	0.00
47) 2-Hexanone-d5	8.29	63	1175495	532.09	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	1476911	232.10	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.84	152	1004323	220.95	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.20	85	976831	317.037	ug/L	99
3) Chloromethane	1.32	50	1153652	366.878	ug/L	100
5) Vinyl chloride	1.40	62	1056602	342.258	ug/L	99
6) Bromomethane	1.59	94	621134	384.884	ug/L	96
8) Chloroethane	1.68	64	608885	344.219	ug/L	98
9) Trichlorofluoromethane	1.87	101	1338875	306.486	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	621281	238.677	ug/L	99
12) 1,1-Dichloroethene	2.26	96	612837	257.830	ug/L	97
13) Acetone	2.31	43	1439243	588.663	ug/L	98
14) Carbon disulfide	2.46	76	2091104	358.368	ug/L	99
15) Methyl Acetate	2.59	43	1208485	302.000	ug/L	99
16) Methylene chloride	2.68	84	768703	244.707	ug/L	97
17) trans-1,2-Dichloroethene	2.96	96	688065	270.486	ug/L	96
18) Methyl tert-butyl Ether	2.98	73	2551229	242.239	ug/L	99
19) 1,1-Dichloroethane	3.42	63	1558252	272.084	ug/L	99
20) cis-1,2-Dichloroethene	4.20	96	799075	242.553	ug/L	98
22) 2-Butanone	4.23	43	2014667	647.738	ug/L	100
23) Bromochloromethane	4.52	128	385933	248.132	ug/L	98
25) Chloroform	4.64	83	1478699	246.892	ug/L	99
27) 1,2-Dichloroethane	5.38	62	1312329	309.460	ug/L	98
29) Cyclohexane	4.97	56	1477046	304.516	ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	1242452	249.899	ug/L	98
31) Carbon tetrachloride	5.11	117	1074758	256.058	ug/L	97
33) Benzene	5.36	78	3186070	252.445	ug/L	100
34) Trichloroethene	6.16	95	792502	252.080	ug/L	99
35) Methylcyclohexane	6.39	83	1323196	277.622	ug/L	98
37) 1,2-Dichloropropane	6.41	63	941122	245.686	ug/L	100
38) Bromodichloromethane	6.73	83	1177244	235.092	ug/L	100
39) cis-1,3-Dichloropropene	7.24	75	1467897	255.061	ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	3863877	579.884	ug/L	98

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42) Toluene	7.61	91	3487359	256.275	ug/L	98
44) trans-1,3-Dichloropropene	7.86	75	1391555	263.691	ug/L	98
45) 1,1,2-Trichloroethane	8.04	97	778005	222.559	ug/L	97
46) Tetrachloroethene	8.21	164	568714	272.522	ug/L	97
48) 2-Hexanone	8.34	43	3066096	612.508	ug/L	98
49) Dibromochloromethane	8.45	129	905838	228.801	ug/L	98
50) 1,2-Dibromoethane	8.56	107	867310	237.373	ug/L	100
51) Chlorobenzene	9.10	112	2118809	238.330	ug/L	99
52) Ethylbenzene	9.23	91	3939129	250.192	ug/L	100
53) m,p-Xylene	9.35	106	1420680	250.983	ug/L	100
54) o-xylene	9.76	106	1421550	247.538	ug/L	96
55) Styrene	9.77	104	2485995	251.505	ug/L	97
56) Isopropylbenzene	10.14	105	3793496	245.599	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.43	83	1515467	218.004	ug/L	98
59) 1,2,3-Trichloropropane	10.47	75	1218541	232.890	ug/L	98
61) Bromoform	9.94	173	699685	222.986	ug/L	100
62) 1,3-Dichlorobenzene	11.39	146	1658607	225.099	ug/L	96
63) 1,4-Dichlorobenzene	11.48	146	1650261	221.800	ug/L	98
65) 1,2-Dichlorobenzene	11.85	146	1630620	219.388	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.63	75	376840	223.790	ug/L	98
67) 1,3,5-Trichlorobenzene	12.86	180	1146049	238.636	ug/L	97
68) 1,2,4-trichlorobenzene	13.48	180	1023527	249.482	ug/L	99
69) Naphthalene	13.72	128	3617277	238.647	ug/L	100
70) 1,2,3-Trichlorobenzene	13.96	180	996855	237.344	ug/L	97

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

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