

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080919\
 Data File : VU033693.D
 Acq On : 09 Aug 2019 18:59
 Operator : JC/SP
 Sample : VSTD20036
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VSTD20036

Quant Time: Aug 10 03:54:07 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM080919WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Aug 10 03:47:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	436567	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	421396	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	228687	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.39	65	665844	145.75	ug/L	0.00
7) Chloroethane-d5	1.66	69	975412	248.66	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.25	63	1125388	151.94	ug/L	0.00
21) 2-Butanone-d5	4.15	46	890880	272.21	ug/L	0.00
24) Chloroform-d	4.62	84	1006130	134.29	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.28	65	612314	127.95	ug/L	0.00
32) Benzene-d6	5.31	84	2073470	143.85	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.31	67	642261	140.41	ug/L	0.00
41) Toluene-d8	7.55	98	1958026	146.75	ug/L	0.00
43) trans-1,3-Dichloropropene-	7.83	79	336102	150.05	ug/L	0.00
47) 2-Hexanone-d5	8.30	63	729861	316.67	ug/L	0.00
57) 1,1,2,2-Tetrachloroethane-	10.41	84	952774	133.42	ug/L	0.00
64) 1,2-Dichlorobenzene-d4	11.85	152	800922	138.74	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.20	85	622657	162.755 ug/L	99
3) Chloromethane	1.32	50	641452	154.282 ug/L	100
5) Vinyl chloride	1.39	62	726030	161.533 ug/L	98
6) Bromomethane	1.62	94	731662	238.952 ug/L	100
8) Chloroethane	1.68	64	847648	293.451 ug/L	99
9) Trichlorofluoromethane	1.87	101	976575	163.394 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	517144	167.579 ug/L	99
12) 1,1-Dichloroethene	2.27	96	509829	172.016 ug/L	97
13) Acetone	2.31	43	676579	289.828 ug/L	98
14) Carbon disulfide	2.46	76	1427435	162.494 ug/L	100
15) Methyl Acetate	2.60	43	664491	174.607 ug/L	99
16) Methylene chloride	2.68	84	579395	164.491 ug/L	100
17) trans-1,2-Dichloroethene	2.96	96	540803	174.533 ug/L	99
18) Methyl tert-butyl Ether	2.98	73	1806283	184.474 ug/L	100
19) 1,1-Dichloroethane	3.42	63	1015533	169.007 ug/L	100
20) cis-1,2-Dichloroethene	4.20	96	633452	181.100 ug/L	99
22) 2-Butanone	4.24	43	1039533	353.064 ug/L	99
23) Bromochloromethane	4.52	128	329320	177.885 ug/L	98
25) Chloroform	4.65	83	1053697	167.911 ug/L	98
27) 1,2-Dichloroethane	5.38	62	815340	167.148 ug/L	100
29) Cyclohexane	4.97	56	892052	189.541 ug/L	99
30) 1,1,1-Trichloroethane	4.89	97	904179	177.634 ug/L	99
31) Carbon tetrachloride	5.11	117	821187	182.917 ug/L	98
33) Benzene	5.36	78	2268963	177.234 ug/L	100
34) Trichloroethene	6.16	95	606162	183.624 ug/L	99
35) Methylcyclohexane	6.40	83	966791	192.173 ug/L	100
37) 1,2-Dichloropropane	6.41	63	617828	178.145 ug/L	100
38) Bromodichloromethane	6.73	83	810897	180.810 ug/L	98
39) cis-1,3-Dichloropropene	7.25	75	1043404	202.932 ug/L	99
40) 4-Methyl-2-pentanone	7.44	43	1949892	387.376 ug/L	99

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42) Toluene	7.62	91	2533366	184.141	ug/L	99
44) trans-1,3-Dichloropropene	7.86	75	932275	191.906	ug/L	100
45) 1,1,2-Trichloroethane	8.05	97	597815	180.277	ug/L	99
46) Tetrachloroethene	8.21	164	508268	188.676	ug/L	97
48) 2-Hexanone	8.35	43	1549989	375.937	ug/L	100
49) Dibromochloromethane	8.46	129	703035	186.243	ug/L	97
50) 1,2-Dibromoethane	8.57	107	676008	187.660	ug/L	100
51) Chlorobenzene	9.10	112	1645209	181.841	ug/L	100
52) Ethylbenzene	9.23	91	2843426	191.847	ug/L	99
53) m,p-Xylene	9.36	106	1087958	193.912	ug/L	99
54) o-xylene	9.76	106	1094797	196.575	ug/L	100
55) Styrene	9.77	104	1929667	204.067	ug/L	99
56) Isopropylbenzene	10.15	105	2882777	200.507	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.44	83	1066193	175.123	ug/L	99
59) 1,2,3-Trichloropropane	10.48	75	828634	175.647	ug/L	98
61) Bromoform	9.94	173	578391	194.612	ug/L	99
62) 1,3-Dichlorobenzene	11.40	146	1376862	184.086	ug/L	100
63) 1,4-Dichlorobenzene	11.49	146	1386345	179.217	ug/L	99
65) 1,2-Dichlorobenzene	11.86	146	1381079	182.796	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.64	75	267035	189.305	ug/L	94
67) 1,3,5-Trichlorobenzene	12.87	180	1118978	195.859	ug/L	99
68) 1,2,4-trichlorobenzene	13.49	180	1058603	219.888	ug/L	98
69) Naphthalene	13.73	128	3288241	233.250	ug/L	100
70) 1,2,3-Trichlorobenzene	13.97	180	1047961	210.030	ug/L	99

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

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