

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW041420\
 Data File : VW015190.D
 Acq On : 14 Apr 2020 13:05
 Operator : SY/VA
 Sample : VSTD10003
 Misc : 5.00G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 VSTD10003

Quant Time: Apr 14 13:50:35 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM041420S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Apr 14 12:51:04 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	1033120	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	913109	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	407428	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	1065705	109.07	ug/L	0.00
7) Chloroethane-d5	2.89	69	789802	110.25	ug/L	0.00
10) 1,1-Dichloroethene-d2	4.02	63	2400655	92.78	ug/L	0.00
20) 2-Butanone-d5	7.07	46	603084	180.45	ug/L	0.00
24) Chloroform-d	7.65	84	2300559	94.42	ug/L	0.00
26) 1,2-Dichloroethane-d4	8.31	65	1134381	94.02	ug/L	0.00
29) Benzene-d6	8.27	84	4813747	95.27	ug/L	0.00
33) 1,2-Dichloropropane-d6	9.27	67	1468415	94.00	ug/L	0.00
37) Toluene-d8	10.32	98	4561369	96.33	ug/L	0.00
38) trans-1,3-Dichloropropene-	10.58	79	662450	92.95	ug/L	0.00
39) 2-Hexanone-d5	10.92	63	532310	190.73	ug/L	0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	1082086	94.76	ug/L	0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	1374539	94.14	ug/L	0.00

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.01	85	1134481	151.905	ug/L	96
3) Chloromethane	2.21	50	1410652	152.156	ug/L	98
5) Vinyl chloride	2.37	62	1469119	118.356	ug/L	100
6) Bromomethane	2.78	94	766361	119.373	ug/L	99
8) Chloroethane	2.93	64	723110	117.718	ug/L	97
9) Trichlorofluoromethane	3.26	101	1153532	117.245	ug/L	99
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	1407943	99.007	ug/L	98
12) 1,1-Dichloroethene	4.04	96	1397032	99.444	ug/L	96
13) Acetone	4.12	43	383171	180.879	ug/L	91
14) Carbon disulfide	4.38	76	4441666	95.385	ug/L	99
15) Methyl Acetate	4.67	43	523320	102.902	ug/L	97
16) Methylene chloride	4.92	84	1335346	91.165	ug/L	99
17) Methyl tert-butyl Ether	5.42	73	1754623	93.117	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	1412606	99.173	ug/L	96
19) 1,1-Dichloroethane	6.21	63	2437637	99.345	ug/L	99
21) 2-Butanone	7.17	43	682165	197.502	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	1484922	100.368	ug/L	98
23) Bromochloromethane	7.51	128	612512	100.791	ug/L	97
25) Chloroform	7.67	83	2360561	98.965	ug/L	99
27) 1,2-Dichloroethane	8.40	62	1406518	96.928	ug/L	99
30) Cyclohexane	7.96	56	2513151	98.941	ug/L	100
31) 1,1,1-Trichloroethane	7.87	97	2024183	97.878	ug/L	99
32) Carbon tetrachloride	8.07	117	1865121	98.587	ug/L	99
34) Benzene	8.32	78	5591263	98.460	ug/L	100
35) Trichloroethene	9.09	95	1475027	98.336	ug/L	99
36) Methylcyclohexane	9.34	83	2667951	97.937	ug/L	100
40) 1,2-Dichloropropane	9.37	63	1386241	100.054	ug/L	100
41) Bromodichloromethane	9.64	83	1785778	100.260	ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	2251843	100.759	ug/L	98
43) 4-Methyl-2-pentanone	10.21	43	1600453	193.934	ug/L	100

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44) Toluene	10.38	91	6062430	101.319	ug/L	99
45) trans-1,3-Dichloropropene	10.60	75	1918164	99.712	ug/L	100
46) 1,1,2-Trichloroethane	10.79	97	973370	98.623	ug/L	98
47) Tetrachloroethene	10.86	164	1078511	100.409	ug/L	95
49) 2-Hexanone	10.96	43	1097580	201.826	ug/L	99
50) Dibromochloromethane	11.13	129	1164574	100.817	ug/L	99
51) 1,2-Dibromoethane	11.23	107	927429	99.688	ug/L	99
52) Chlorobenzene	11.66	112	3729558	101.466	ug/L	99
53) Ethylbenzene	11.73	91	6814390	101.263	ug/L	99
54) m,p-Xylene	11.83	106	2626265	101.760	ug/L	98
55) o-xylene	12.16	106	2506870	101.628	ug/L	99
56) Styrene	12.18	104	4259635	102.677	ug/L	93
57) Isopropylbenzene	12.46	105	6722553	100.947	ug/L	99
58) 1,1,2,2-Tetrachloroethane	12.71	83	1139015	99.045	ug/L	100
59) 1,2,3-Trichloropropane	12.77	75	823127	96.863	ug/L	98
62) Bromoform	12.35	173	650457	99.713	ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	2706444	100.496	ug/L	99
64) 1,4-Dichlorobenzene	13.58	146	2640029	100.923	ug/L	98
65) 1,2-Dichlorobenzene	13.87	146	2355833	98.504	ug/L	96
66) 1,2-Dibromo-3-chloropropan	14.48	75	177469	89.602	ug/L	98
67) 1,3,5-Trichlorobenzene	14.63	180	1786944	96.372	ug/L	99
68) 1,2,4-trichlorobenzene	15.13	180	1491882	100.813	ug/L	99
69) Naphthalene	15.36	128	3056525	103.097	ug/L	100
70) 1,2,3-Trichlorobenzene	15.55	180	1263362	98.053	ug/L	99

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

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