Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062119\
Data File : VW010905.D
Acq On : 21 Jun 2019 21:08
Operator : SY/VA
Sample : VSTD2.501
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.501

Quant Time: Jun 22 05:35:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062119S.M
Quant Title : VOC Analysis
QLast Update : Sat Jun 22 05:32:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	372316	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	342315	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	163598	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	10532	1.99	ug/L		0.00
7) Chloroethane-d5	2.88	69	9528	2.35	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	24257	2.17	ug/L		0.00
20) 2-Butanone-d5	7.09	46	12295	5.46	ug/L		0.01
24) Chloroform-d	7.64	84	25054	3.09	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	16643	2.62	ug/L		0.00
29) Benzene-d6	8.27	84	51208	2.50	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	16872	2.55	ug/L		0.00
37) Toluene-d8	10.32	98	44276	2.40	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	6438	2.19	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	7988	5.05	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	14368	2.55	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	15631	2.51	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	11582	2.005	ug/L		86
3) Chloromethane	2.21	50	11876	1.844	ug/L		94
5) Vinyl chloride	2.36	62	10930	1.789	ug/L		94
6) Bromomethane	2.77	94	7313	2.577	ug/L		96
8) Chloroethane	2.92	64	7431	2.101	ug/L		85
9) Trichlorofluoromethane	3.25	101	3771	0.553	ug/L		92
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	11858	2.479	ug/L	#	84
12) 1,1-Dichloroethene	4.05	96	10718	2.401	ug/L	#	72
13) Acetone	4.13	43	12427	5.605	ug/L		90
14) Carbon disulfide	4.38	76	23027	1.749	ug/L		98
15) Methyl Acetate	4.67	43	9363	2.444	ug/L	#	77
16) Methylene chloride	4.92	84	15994	3.026	ug/L		89
17) Methyl tert-butyl Ether	5.42	73	20501	1.548	ug/L		97
18) trans-1,2-Dichloroethene	5.42	96	11834	2.401	ug/L		91
19) 1,1-Dichloroethane	6.21	63	25477	2.495	ug/L		97
21) 2-Butanone	7.17	43	18791	5.961	ug/L		95
22) cis-1,2-Dichloroethene	7.17	96	13592	2.440	ug/L		89
23) Bromochloromethane	7.51	128	5935	2.559	ug/L		94
25) Chloroform	7.67	83	24091	2.116	ug/L		100
27) 1,2-Dichloroethane	8.40	62	19817	2.610	ug/L		97
30) Cyclohexane	7.95	56	23728	2.299	ug/L		98
31) 1,1,1-Trichloroethane	7.87	97	16481	2.079	ug/L		97
32) Carbon tetrachloride	8.06	117	13942	2.070	ug/L		98
34) Benzene	8.32	78	52995	2.479	ug/L		100
35) Trichloroethene	9.09	95	13334	2.443	ug/L		98
36) Methylcyclohexane	9.33	83	22914	2.365	ug/L		98
40) 1,2-Dichloropropane	9.37	63	14563	2.446	ug/L		99
41) Bromodichloromethane	9.64	83	16047	2.302	ug/L		94
42) cis-1,3-Dichloropropene	10.07	75	19358	2.128	ug/L		96
43) 4-Methyl-2-pentanone	10.21	43	32219	5.582	ug/L		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.38	91	54020	2.412	ug/L		100
45) trans-1,3-Dichloropropene	10.60	75	15939	2.088	ug/L		98
46) 1,1,2-Trichloroethane	10.79	97	10951	2.585	ug/L		96
47) Tetrachloroethene	10.86	164	10139	2.490	ug/L		97
49) 2-Hexanone	10.97	43	19887	4.742	ug/L		99
50) Dibromochloromethane	11.13	129	9716	2.083	ug/L		93
51) 1,2-Dibromoethane	11.24	107	10107	2.468	ug/L		95
52) Chlorobenzene	11.66	112	35149	2.534	ug/L		95
53) Ethylbenzene	11.73	91	61363	2.409	ug/L		99
54) m,p-Xylene	11.84	106	22151	2.403	ug/L		99
55) o-xylene	12.16	106	21360	2.390	ug/L		100
56) Styrene	12.18	104	35037	2.253	ug/L		99
57) Isopropylbenzene	12.46	105	56653	2.332	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.71	83	14042	2.475	ug/L		97
59) 1,2,3-Trichloropropane	12.77	75	11316	2.525	ug/L		98
62) Bromoform	12.35	173	5567	2.035	ug/L	#	98
63) 1,3-Dichlorobenzene	13.50	146	25241	2.398	ug/L		98
64) 1,4-Dichlorobenzene	13.58	146	26569	2.482	ug/L		99
65) 1,2-Dichlorobenzene	13.87	146	24773	2.498	ug/L		95
66) 1,2-Dibromo-3-chloropropan	14.49	75	2579	2.463	ug/L		100
67) 1,3,5-Trichlorobenzene	14.63	180	19447	2.431	ug/L		99
68) 1,2,4-trichlorobenzene	15.14	180	16586	2.482	ug/L		98
69) Naphthalene	15.37	128	34413	2.398	ug/L		99
70) 1,2,3-Trichlorobenzene	15.56	180	15711	2.597	ug/L		98

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

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