Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062119\
Data File : VW010906.D
Acq On : 21 Jun 2019 21:35
Operator : SY/VA
Sample : VSTD00502
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD00502

Quant Time: Jun 22 05:35:36 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	188224	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	172520	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83658	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	23878	8.91	ug/L		0.00
7) Chloroethane-d5	2.88	69	19359	9.44	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.02	63	52315	9.25	ug/L		0.00
20) 2-Butanone-d5	7.08	46	26754	23.50	ug/L		0.00
24) Chloroform-d	7.65	84	53723	13.10	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	35504	11.07	ug/L		0.00
29) Benzene-d6	8.27	84	108892	10.56	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	36492	10.95	ug/L		0.00
37) Toluene-d8	10.32	98	95422	10.28	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	13852	9.35	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	16926	21.25	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	30516	10.73	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	33008	10.36	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	21207	7.261	ug/L		99
3) Chloromethane	2.21	50	22155	6.805	ug/L		99
5) Vinyl chloride	2.36	62	23977	7.764	ug/L		97
6) Bromomethane	2.77	94	14543	10.136	ug/L		97
8) Chloroethane	2.92	64	15343	8.582	ug/L		99
9) Trichlorofluoromethane	3.25	101	8060	2.338	ug/L		96
11) 1,1,2-Trichloro-1,2,2-trif	4.06	101	23929	9.896	ug/L		98
12) 1,1-Dichloroethene	4.04	96	21402	9.482	ug/L		93
13) Acetone	4.12	43	20387	18.190	ug/L		99
14) Carbon disulfide	4.39	76	51682	7.767	ug/L		98
15) Methyl Acetate	4.67	43	21921	11.318	ug/L		97
16) Methylene chloride	4.92	84	30969	11.588	ug/L		93
17) Methyl tert-butyl Ether	5.42	73	42755	6.385	ug/L	#	90
18) trans-1,2-Dichloroethene	5.42	96	25050	10.053	ug/L		96
19) 1,1-Dichloroethane	6.21	63	52752	10.217	ug/L		98
21) 2-Butanone	7.17	43	30036	18.847	ug/L		98
22) cis-1,2-Dichloroethene	7.17	96	28096	9.977	ug/L		94
23) Bromochloromethane	7.51	128	12138	10.350	ug/L		96
25) Chloroform	7.67	83	49549	8.607	ug/L		99
27) 1,2-Dichloroethane	8.40	62	41691	10.860	ug/L		99
30) Cyclohexane	7.95	56	49706	9.555	ug/L		99
31) 1,1,1-Trichloroethane	7.87	97	34078	8.528	ug/L		100
32) Carbon tetrachloride	8.06	117	30010	8.841	ug/L		99
34) Benzene	8.32	78	111431	10.342	ug/L		100
35) Trichloroethene	9.09	95	27402	9.962	ug/L		98
36) Methylcyclohexane	9.33	83	46767	9.579	ug/L		99
40) 1,2-Dichloropropane	9.37	63	31223	10.407	ug/L		100
41) Bromodichloromethane	9.64	83	34277	9.756	ug/L		99
42) cis-1,3-Dichloropropene	10.07	75	42878	9.355	ug/L		97
43) 4-Methyl-2-pentanone	10.21	43	63225	21.735	ug/L		99

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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)
44) Toluene	10.39	91	114441	10.138	ug/L		100
45) trans-1,3-Dichloropropene	10.60	75	35552	9.240	ug/L		98
46) 1,1,2-Trichloroethane	10.79	97	22202	10.400	ug/L		97
47) Tetrachloroethene	10.86	164	20654	10.063	ug/L		99
49) 2-Hexanone	10.97	43	41373	19.576	ug/L		99
50) Dibromochloromethane	11.13	129	21861	9.299	ug/L		93
51) 1,2-Dibromoethane	11.23	107	21740	10.534	ug/L		96
52) Chlorobenzene	11.66	112	70689	10.112	ug/L		98
53) Ethylbenzene	11.73	91	127871	9.960	ug/L		99
54) m,p-Xylene	11.84	106	46532	10.015	ug/L		100
55) o-xylene	12.17	106	44343	9.845	ug/L		99
56) Styrene	12.18	104	77762	9.920	ug/L		97
57) Isopropylbenzene	12.47	105	118928	9.715	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.72	83	29563	10.338	ug/L	#	97
59) 1,2,3-Trichloropropane	12.77	75	23934	10.598	ug/L		99
62) Bromoform	12.35	173	11907	8.511	ug/L	#	94
63) 1,3-Dichlorobenzene	13.50	146	52654	9.781	ug/L		98
64) 1,4-Dichlorobenzene	13.58	146	54948	10.037	ug/L		96
65) 1,2-Dichlorobenzene	13.87	146	49818	9.826	ug/L		99
66) 1,2-Dibromo-3-chloropropan	14.49	75	5099	9.524	ug/L		98
67) 1,3,5-Trichlorobenzene	14.63	180	39691	9.702	ug/L		98
68) 1,2,4-trichlorobenzene	15.14	180	33455	9.790	ug/L		99
69) Naphthalene	15.37	128	72851	9.929	ug/L		99
70) 1,2,3-Trichlorobenzene	15.56	180	31799	10.278	ug/L		98

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

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