Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101819\

Quantitation Report (QT Reviewed)

Data File : VW013614.D
Acq On : 18 Oct 2019 09:57
Operator : SY/VA
Sample : VSTD2.507
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VSTD2.507

Quant Time: Oct 18 11:40:03 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 18 11:37:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	330762	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	320273	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.55	152	187226	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	9775	2.58	ug/L		0.00
7) Chloroethane-d5	2.89	69	10503	3.61	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	23300	2.97	ug/L		0.00
20) 2-Butanone-d5	7.09	46	8028	7.04	ug/L		0.00
24) Chloroform-d	7.65	84	25021	3.48	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.31	65	13456	3.61	ug/L		0.00
29) Benzene-d6	8.27	84	53476	3.12	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	15508	3.05	ug/L		0.00
37) Toluene-d8	10.32	98	48295	2.97	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	7311	3.22	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	5173	5.08	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	12629	3.09	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	18436	2.74	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	10330	5.731	ug/L		99
3) Chloromethane	2.21	50	10697	3.378	ug/L		83
5) Vinyl chloride	2.37	62	12098	2.700	ug/L		92
6) Bromomethane	2.79	94	9849	3.589	ug/L		96
8) Chloroethane	2.93	64	9611	3.824	ug/L		96
9) Trichlorofluoromethane	3.27	101	8902	3.811	ug/L		97
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	14399	3.474	ug/L	#	52
12) 1,1-Dichloroethene	4.04	96	12815	3.086	ug/L		85
13) Acetone	4.13	43	11511	8.783	ug/L		72
14) Carbon disulfide	4.39	76	34566	2.728	ug/L		98
15) Methyl Acetate	4.68	43	6809	3.331	ug/L		100
16) Methylene chloride	4.92	84	21139	4.219	ug/L		96
17) Methyl tert-butyl Ether	5.43	73	19159	2.871	ug/L		96
18) trans-1,2-Dichloroethene	5.42	96	15319	3.457	ug/L		90
19) 1,1-Dichloroethane	6.21	63	25614	3.443	ug/L		90
21) 2-Butanone	7.17	43	11948	7.452	ug/L		93
22) cis-1,2-Dichloroethene	7.17	96	16321	3.444	ug/L		98
23) Bromochloromethane	7.51	128	7442	3.507	ug/L		92
25) Chloroform	7.68	83	26733	3.643	ug/L		99
27) 1,2-Dichloroethane	8.40	62	16813	3.622	ug/L		95
30) Cyclohexane	7.96	56	23713	2.816	ug/L		97
31) 1,1,1-Trichloroethane	7.87	97	20176	3.128	ug/L		98
32) Carbon tetrachloride	8.07	117	18990	3.069	ug/L		96
34) Benzene	8.32	78	60780	3.141	ug/L		100
35) Trichloroethene	9.10	95	14971	2.966	ug/L		94
36) Methylcyclohexane	9.34	83	27229	2.967	ug/L		96
40) 1,2-Dichloropropane	9.37	63	14991	3.216	ug/L		99
41) Bromodichloromethane	9.65	83	17404	3.040	ug/L		97
42) cis-1,3-Dichloropropene	10.07	75	21948	2.935	ug/L		99
43) 4-Methyl-2-pentanone	10.21	43	21576	6.634	ug/L		97

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Quant Title : VOC Analysis
QLast Update : Fri Oct 18 11:37:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) Toluene	10.39	91	64827	3.092	ug/L		97
45) trans-1,3-Dichloropropene	10.60	75	18007	3.050	ug/L		95
46) 1,1,2-Trichloroethane	10.79	97	12039	3.403	ug/L		94
47) Tetrachloroethene	10.87	164	14631	3.181	ug/L		91
49) 2-Hexanone	10.97	43	14036	5.938	ug/L		99
50) Dibromochloromethane	11.13	129	13249	3.180	ug/L		90
51) 1,2-Dibromoethane	11.23	107	11093	3.192	ug/L		99
52) Chlorobenzene	11.66	112	41761	3.138	ug/L		98
53) Ethylbenzene	11.73	91	70323	3.030	ug/L		95
54) m,p-Xylene	11.84	106	26974	2.979	ug/L		100
55) o-xylene	12.16	106	25701	3.041	ug/L		95
56) Styrene	12.18	104	42296	2.938	ug/L		95
57) Isopropylbenzene	12.46	105	69440	3.029	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.71	83	13819	3.306	ug/L		95
59) 1,2,3-Trichloropropane	12.77	75	10469	3.354	ug/L		99
62) Bromoform	12.35	173	7887	2.619	ug/L	#	97
63) 1,3-Dichlorobenzene	13.50	146	33939	2.705	ug/L		97
64) 1,4-Dichlorobenzene	13.58	146	33856	2.711	ug/L		90
65) 1,2-Dichlorobenzene	13.87	146	31105	2.757	ug/L		92
66) 1,2-Dibromo-3-chloropropan	14.48	75	2144	2.753	ug/L		99
67) 1,3,5-Trichlorobenzene	14.63	180	24118	2.547	ug/L		99
68) 1,2,4-trichlorobenzene	15.13	180	19890	2.534	ug/L		100
69) Naphthalene	15.37	128	33924	2.373	ug/L		99
70) 1,2,3-Trichlorobenzene	15.56	180	18006	2.576	ug/L		98

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

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