Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW101819\

Quantitation Report (QT Reviewed)

Data File : VW013619.D
Acq On : 18 Oct 2019 12:34
Operator : SY/VA
Sample : VSTD00504
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTD00504

Quant Time: Oct 18 12:59:32 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	331099	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	324799	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189022	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.36	65	21898	5.78	ug/L		0.00
7) Chloroethane-d5	2.89	69	20488	7.04	ug/L		0.00
10) 1,1-Dichloroethene-d2	4.03	63	47784	6.08	ug/L		0.00
20) 2-Butanone-d5	7.09	46	13706	12.01	ug/L		0.00
24) Chloroform-d	7.65	84	49365	6.86	ug/L		0.00
26) 1,2-Dichloroethane-d4	8.30	65	26066	7.00	ug/L		0.00
29) Benzene-d6	8.27	84	106365	6.11	ug/L		0.00
33) 1,2-Dichloropropane-d6	9.27	67	30977	6.00	ug/L		0.00
37) Toluene-d8	10.32	98	97536	5.91	ug/L		0.00
38) trans-1,3-Dichloropropene-	10.58	79	13022	5.66	ug/L		0.00
39) 2-Hexanone-d5	10.93	63	10975	10.63	ug/L		0.00
48) 1,1,2,2-Tetrachloroethane-	12.69	84	25104	6.07	ug/L		0.00
61) 1,2-Dichlorobenzene-d4	13.85	152	36075	5.31	ug/L		0.00
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	17710	9.816	ug/L		94
3) Chloromethane	2.21	50	19205	6.058	ug/L		100
5) Vinyl chloride	2.37	62	23645	5.272	ug/L		95
6) Bromomethane	2.78	94	18087	6.584	ug/L		100
8) Chloroethane	2.93	64	16677	6.629	ug/L		91
9) Trichlorofluoromethane	3.26	101	16050	6.865	ug/L		98
11) 1,1,2-Trichloro-1,2,2-trif	4.07	101	26471	6.379	ug/L		99
12) 1,1-Dichloroethene	4.04	96	25257	6.077	ug/L	#	83
13) Acetone	4.12	43	18701	14.255	ug/L		98
14) Carbon disulfide	4.39	76	71176	5.612	ug/L		99
15) Methyl Acetate	4.67	43	13010	6.357	ug/L		97
16) Methylene chloride	4.92	84	33099	6.600	ug/L		98
17) Methyl tert-butyl Ether	5.43	73	37709	5.646	ug/L		99
18) trans-1,2-Dichloroethene	5.42	96	28365	6.395	ug/L		91
19) 1,1-Dichloroethane	6.21	63	48776	6.550	ug/L		99
21) 2-Butanone	7.17	43	21856	13.618	ug/L		95
22) cis-1,2-Dichloroethene	7.17	96	30191	6.365	ug/L		93
23) Bromochloromethane	7.51	128	13822	6.507	ug/L		90
25) Chloroform	7.67	83	49094	6.683	ug/L		99
27) 1,2-Dichloroethane	8.40	62	31709	6.825	ug/L		98
30) Cyclohexane	7.96	56	44813	5.247	ug/L		99
31) 1,1,1-Trichloroethane	7.87	97	36816	5.628	ug/L		100
32) Carbon tetrachloride	8.07	117	35674	5.685	ug/L		99
34) Benzene	8.32	78	114471	5.834	ug/L		100
35) Trichloroethene	9.09	95	29811	5.824	ug/L		97
36) Methylcyclohexane	9.34	83	49193	5.285	ug/L		96
40) 1,2-Dichloropropane	9.37	63	28081	5.941	ug/L		99
41) Bromodichloromethane	9.64	83	33328	5.740	ug/L	#	94
42) cis-1,3-Dichloropropene	10.07	75	42381	5.589	ug/L		95
43) 4-Methyl-2-pentanone	10.21	43	38698	11.733	ug/L		100

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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	10.38	91	120614	5.672	ug/L		99
45) trans-1,3-Dichloropropene	10.60	75	34251	5.720	ug/L		99
46) 1,1,2-Trichloroethane	10.79	97	21649	6.033	ug/L		94
47) Tetrachloroethene	10.86	164	26554	5.692	ug/L		93
49) 2-Hexanone	10.97	43	25467	10.624	ug/L		98
50) Dibromochloromethane	11.13	129	24276	5.746	ug/L		92
51) 1,2-Dibromoethane	11.23	107	20843	5.913	ug/L		99
52) Chlorobenzene	11.66	112	79277	5.874	ug/L		99
53) Ethylbenzene	11.73	91	134626	5.719	ug/L		100
54) m,p-Xylene	11.84	106	51844	5.646	ug/L		95
55) o-xylene	12.16	106	48435	5.651	ug/L		97
56) Styrene	12.18	104	83124	5.694	ug/L		99
57) Isopropylbenzene	12.46	105	129576	5.573	ug/L		99
58) 1,1,2,2-Tetrachloroethane	12.71	83	25190	5.942	ug/L	#	99
59) 1,2,3-Trichloropropane	12.77	75	18986	5.998	ug/L		100
62) Bromoform	12.35	173	15795	5.195	ug/L		98
63) 1,3-Dichlorobenzene	13.50	146	63076	4.980	ug/L		94
64) 1,4-Dichlorobenzene	13.58	146	65040	5.158	ug/L		97
65) 1,2-Dichlorobenzene	13.87	146	57154	5.018	ug/L		95
66) 1,2-Dibromo-3-chloropropan	14.49	75	3794	4.826	ug/L	#	80
67) 1,3,5-Trichlorobenzene	14.63	180	45623	4.772	ug/L		98
68) 1,2,4-trichlorobenzene	15.13	180	37353	4.714	ug/L		98
69) Naphthalene	15.37	128	64569	4.474	ug/L		99
70) 1,2,3-Trichlorobenzene	15.55	180	34161	4.842	ug/L		98

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

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