Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW102919\
Data File : VW013785.D
Acq On : 29 Oct 2019 11:10
Operator : SY/VA
Sample : K5552-07
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAQ80

Quant Time: Oct 30 06:12:29 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101819S.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	324155	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	315139	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	187740	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	82360	20.71	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 82.84%			
7) Chloroethane-d5	2.88	69	74085	19.96	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.84%			
10) 1,1-Dichloroethene-d2	4.03	63	188891	21.50	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 86.00%			
20) 2-Butanone-d5	7.07	46	79414	55.83	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.66%			
24) Chloroform-d	7.65	84	202836	22.36	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 89.44%			
26) 1,2-Dichloroethane-d4	8.31	65	112276	23.67	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 94.68%			
29) Benzene-d6	8.27	84	416317	21.99	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 87.96%			
33) 1,2-Dichloropropane-d6	9.27	67	129989	22.99	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.96%			
37) Toluene-d8	10.32	98	375753	21.52	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 86.08%			
38) trans-1,3-Dichloropropene-	10.58	79	58187	22.81	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 91.24%			
39) 2-Hexanone-d5	10.92	63	63661	58.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 117.78%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121244	26.18	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 104.72%			
61) 1,2-Dichlorobenzene-d4	13.85	152	148586	22.40	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.60%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	73253	18.560	ug/L	99
6) Bromomethane	2.77	94	32347	9.076	ug/L	100
9) Trichlorofluoromethane	3.25	101	41800	12.574	ug/L	97
12) 1,1-Dichloroethene	4.04	96	119797	23.254	ug/L	93
13) Acetone	4.12	43	121053	76.676	ug/L	96
15) Methyl Acetate	4.67	43	113965	44.178	ug/L	100
16) Methylene chloride	4.92	84	64372	10.371	ug/L	95
17) Methyl tert-butyl Ether	5.42	73	227442	31.907	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	61862	10.863	ug/L	99
22) cis-1,2-Dichloroethene	7.17	96	159438	26.083	ug/L	99
23) Bromochloromethane	7.51	128	43684	15.811	ug/L	97
27) 1,2-Dichloroethane	8.40	62	67098	10.811	ug/L	95
30) Cyclohexane	7.95	56	98762	10.697	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	80019	10.887	ug/L	98
32) Carbon tetrachloride	8.07	117	96176	13.437	ug/L	100
35) Trichloroethene	9.09	95	246121	42.424	ug/L	100
36) Methylcyclohexane	9.34	83	274550	26.850	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Wed Oct 30 06:58:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	74357	13.449 ug/L	100
41) Bromodichloromethane	9.65	83	144471	21.326 ug/L	96
42) cis-1,3-Dichloropropene	10.07	75	151499	17.356 ug/L	100
44) Toluene	10.38	91	514991	21.199 ug/L	97
45) trans-1,3-Dichloropropene	10.60	75	61153	8.679 ug/L	98
47) Tetrachloroethene	10.86	164	222469	41.892 ug/L	98
49) 2-Hexanone	10.97	43	117084	43.753 ug/L	96
50) Dibromochloromethane	11.13	129	105978	21.060 ug/L	95
53) Ethylbenzene	11.73	91	418035	15.574 ug/L	99
54) m,p-Xylene	11.85	106	107622	10.376 ug/L	99
55) o-xylene	12.16	106	125096	12.709 ug/L	100
57) Isopropylbenzene	12.46	105	338673	12.827 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	258063	20.258 ug/L	99
65) 1,2-Dichlorobenzene	13.87	146	123009	10.657 ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.48	75	17628	22.220 ug/L	90

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

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