Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW082318\
Data File : VW004930.D
Acq On : 24 Aug 2018 11:44
Operator : SY/AP
Sample : J4628-02
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DB3E8

Quant Time: Aug 31 07:33:15 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 24 08:18:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	728756	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	750562	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	397166	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	310467	22.54	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.16%			
7) Chloroethane-d5	2.89	69	235167	23.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 92.12%			
10) 1,1-Dichloroethene-d2	4.03	63	384905	21.88	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 87.52%			
20) 2-Butanone-d5	7.09	46	117758	42.01	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 84.02%			
24) Chloroform-d	7.66	84	369127	22.81	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.24%			
26) 1,2-Dichloroethane-d4	8.32	65	205940	23.43	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 93.72%			
29) Benzene-d6	8.28	84	937803	24.29	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 97.16%			
33) 1,2-Dichloropropane-d6	9.28	67	267864	23.61	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.44%			
37) Toluene-d8	10.33	98	1006592	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 98.44%			
38) trans-1,3-Dichloropropene-	10.59	79	115442	23.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 94.60%			
39) 2-Hexanone-d5	10.93	63	123732	44.03	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 88.06%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	246358	21.61	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 86.44%			
61) 1,2-Dichlorobenzene-d4	13.87	152	393511	24.66	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 98.64%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	346635	22.31	ug/L	97
6) Bromomethane	2.79	94	94791	11.50	ug/L	100
9) Trichlorofluoromethane	3.27	101	229589	14.42	ug/L	99
12) 1,1-Dichloroethene	4.05	96	191158	22.53	ug/L	96
13) Acetone	4.15	43	76705	35.32	ug/L	99
15) Methyl Acetate	4.69	43	171942	35.02	ug/L	97
16) Methylene chloride	4.93	84	154111	10.91	ug/L	96
17) Methyl tert-butyl Ether	5.44	73	613526	33.48	ug/L	100
18) trans-1,2-Dichloroethene	5.43	96	97623	11.05	ug/L	96
22) cis-1,2-Dichloroethene	7.18	96	242803	25.47	ug/L	97
23) Bromochloromethane	7.53	128	70399	13.98	ug/L	93
27) 1,2-Dichloroethane	8.41	62	103696	9.79	ug/L	95
30) Cyclohexane	7.96	56	172086	10.77	ug/L	98
31) 1,1,1-Trichloroethane	7.88	97	151086	10.45	ug/L	100
32) Carbon tetrachloride	8.07	117	166663	12.89	ug/L	99
35) Trichloroethene	9.10	95	430388	40.44	ug/L	99
36) Methylcyclohexane	9.34	83	512296	26.03	ug/L	100

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Quant Title : VOC Analysis
QLast Update : Fri Aug 24 08:18:56 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	132947	12.63	ug/L	98
41) Bromodichloromethane	9.65	83	236091	20.35	ug/L	100
42) cis-1,3-Dichloropropene	10.08	75	255643	17.49	ug/L	99
44) Toluene	10.40	91	1129106	21.97	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	107830	8.14	ug/L	98
47) Tetrachloroethene	10.87	164	431866	41.45	ug/L	98
49) 2-Hexanone	10.98	43	220640	36.74	ug/L	100
50) Dibromochloromethane	11.13	129	174497	19.13	ug/L	99
53) Ethylbenzene	11.74	91	916612	15.85	ug/L	100
54) m,p-Xylene	11.85	106	247394	11.03	ug/L	97
55) o-xylene	12.18	106	277600	13.24	ug/L	98
57) Isopropylbenzene	12.48	105	736918	13.16	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	570435	20.85	ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	271734	10.36	ug/L	99
66) 1,2-Dibromo-3-chloropropan	14.49	75	36861	16.58	ug/L	94

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

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