Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081518\
Data File : VW004666.D
Acq On : 14 Aug 2018 13:26
Operator : SY/AP
Sample : J4450-16
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB13

Quant Time: Aug 16 11:23:47 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081418S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 14 12:36:48 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	1046363	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	1018519	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	514865	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	366597	22.04	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.16%			
7) Chloroethane-d5	2.89	69	290265	22.58	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 90.32%			
10) 1,1-Dichloroethene-d2	4.01	63	681545	22.40	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 89.60%			
20) 2-Butanone-d5	7.09	46	206038	45.78	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 91.56%			
24) Chloroform-d	7.65	84	636153	22.69	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 90.76%			
26) 1,2-Dichloroethane-d4	8.31	65	357356	24.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.20%			
29) Benzene-d6	8.27	84	1350576	23.64	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.56%			
33) 1,2-Dichloropropane-d6	9.28	67	419183	23.63	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 94.52%			
37) Toluene-d8	10.33	98	1193835	23.29	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 93.16%			
38) trans-1,3-Dichloropropene-	10.58	79	173071	24.03	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 96.12%			
39) 2-Hexanone-d5	10.93	63	172249	48.58	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.16%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	387507	23.28	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 93.12%			
61) 1,2-Dichlorobenzene-d4	13.86	152	452806	23.18	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.72%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	276747	18.64	ug/L	100
6) Bromomethane	2.78	94	111257	9.01	ug/L	99
9) Trichlorofluoromethane	3.25	101	135170	12.45	ug/L	100
12) 1,1-Dichloroethene	4.03	96	332170	21.20	ug/L	94
13) Acetone	4.14	43	372788	90.28	ug/L	98
15) Methyl Acetate	4.67	43	327313	36.68	ug/L	100
16) Methylene chloride	4.91	84	213695	10.22	ug/L	97
17) Methyl tert-butyl Ether	5.43	73	653949	31.96	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	163656	10.17	ug/L	98
22) cis-1,2-Dichloroethene	7.17	96	428073	25.22	ug/L	99
23) Bromochloromethane	7.51	128	119835	15.14	ug/L	96
27) 1,2-Dichloroethane	8.40	62	185947	10.15	ug/L	98
30) Cyclohexane	7.96	56	245736	9.23	ug/L	99
31) 1,1,1-Trichloroethane	7.87	97	224051	9.83	ug/L	99
32) Carbon tetrachloride	8.07	117	257943	11.90	ug/L	98
35) Trichloroethene	9.09	95	646926	39.65	ug/L	99
36) Methylcyclohexane	9.34	83	750599	24.66	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	212107	12.89	ug/L	100
41) Bromodichloromethane	9.65	83	385939	20.08	ug/L	98
42) cis-1,3-Dichloropropene	10.07	75	403282	17.61	ug/L	98
44) Toluene	10.39	91	1363320	20.77	ug/L	100
45) trans-1,3-Dichloropropene	10.61	75	166009	8.22	ug/L	98
47) Tetrachloroethene	10.87	164	510083	37.68	ug/L	99
49) 2-Hexanone	10.98	43	344423	43.41	ug/L	95
50) Dibromochloromethane	11.13	129	278888	19.94	ug/L	100
53) Ethylbenzene	11.74	91	1087523	14.87	ug/L	100
54) m,p-Xylene	11.85	106	274936	9.89	ug/L	98
55) o-xylene	12.17	106	321698	12.25	ug/L	100
57) Isopropylbenzene	12.47	105	865400	12.17	ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	654240	19.81	ug/L	99
65) 1,2-Dichlorobenzene	13.88	146	328126	10.07	ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	53859	19.62	ug/L	100

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

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