Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW082718\
Data File : VW004966.D
Acq On : 27 Aug 2018 14:02
Operator : SY/AP
Sample : J4650-05
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAB82

Quant Time: Aug 28 04:41:33 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM082218S.M
Quant Title : VOC Analysis
QLast Update : Tue Aug 28 01:39:39 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	541484	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	571723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	308460	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	202902	19.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.32%			
7) Chloroethane-d5	2.89	69	158310	20.86	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 83.44%			
10) 1,1-Dichloroethene-d2	4.03	63	263488	20.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 80.64%			
20) 2-Butanone-d5	7.09	46	116382	55.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.74%			
24) Chloroform-d	7.65	84	249817	20.78	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 83.12%			
26) 1,2-Dichloroethane-d4	8.31	65	145582	22.29	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 89.16%			
29) Benzene-d6	8.28	84	638490	21.71	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 86.84%			
33) 1,2-Dichloropropane-d6	9.28	67	187867	21.74	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 86.96%			
37) Toluene-d8	10.33	98	700467	22.48	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 89.92%			
38) trans-1,3-Dichloropropene-	10.59	79	81453	21.91	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 87.64%			
39) 2-Hexanone-d5	10.93	63	115428	53.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.84%			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	206234	23.75	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 95.00%			
61) 1,2-Dichlorobenzene-d4	13.86	152	286589	23.13	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 92.52%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	232563	20.15	ug/L	99
6) Bromomethane	2.78	94	64935	10.60	ug/L	100
9) Trichlorofluoromethane	3.26	101	168330	14.23	ug/L	98
12) 1,1-Dichloroethene	4.04	96	138666	22.00	ug/L	95
13) Acetone	4.15	43	74739	46.32	ug/L	100
15) Methyl Acetate	4.68	43	152345	41.76	ug/L	96
16) Methylene chloride	4.93	84	127333	12.13	ug/L	91
17) Methyl tert-butyl Ether	5.43	73	466375	34.25	ug/L	99
18) trans-1,2-Dichloroethene	5.43	96	70887	10.80	ug/L	95
22) cis-1,2-Dichloroethene	7.18	96	179314	25.31	ug/L	96
23) Bromochloromethane	7.52	128	55830	14.93	ug/L	89
27) 1,2-Dichloroethane	8.41	62	76535	9.72	ug/L	98
30) Cyclohexane	7.96	56	120507	9.90	ug/L	97
31) 1,1,1-Trichloroethane	7.88	97	109994	9.99	ug/L	98
32) Carbon tetrachloride	8.07	117	123426	12.53	ug/L	98
35) Trichloroethene	9.10	95	304123	37.52	ug/L	98
36) Methylcyclohexane	9.34	83	355500	23.71	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.38	63	95692	11.93 ug/L	98
41) Bromodichloromethane	9.65	83	171367	19.39 ug/L	97
42) cis-1,3-Dichloropropene	10.08	75	182514	16.40 ug/L	99
44) Toluene	10.40	91	810840	20.71 ug/L	99
45) trans-1,3-Dichloropropene	10.61	75	78325	7.76 ug/L	99
47) Tetrachloroethene	10.87	164	321439	40.51 ug/L	97
49) 2-Hexanone	10.98	43	185389	40.53 ug/L	99
50) Dibromochloromethane	11.13	129	132344	19.05 ug/L	97
53) Ethylbenzene	11.74	91	659057	14.96 ug/L	97
54) m,p-Xylene	11.85	106	177632	10.39 ug/L	96
55) o-xylene	12.17	106	201661	12.63 ug/L	100
57) Isopropylbenzene	12.47	105	528468	12.39 ug/L	100
63) 1,3-Dichlorobenzene	13.51	146	427811	20.13 ug/L	96
65) 1,2-Dichlorobenzene	13.88	146	204807	10.06 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.49	75	33816	19.58 ug/L	98

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

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