Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV022619\
Data File : VV009368.D
Acq On : 26 Feb 2019 15:22
Operator : SY/MD
Sample : K1579-01
Misc : 5.00G/10ML/MSVOA_V/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : DB5Z1

Quant Time: Feb 27 05:37:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOM2VLM022619S.M
Quant Title : VOC Analysis
QLast Update : Wed Feb 27 04:43:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	190506	25.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	179481	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	82601	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	66269	27.65	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 110.60%			
7) Chloroethane-d5	1.58	69	95828	30.75	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 123.00%			
10) 1,1-Dichloroethene-d2	2.13	63	165786	26.16	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 104.64%			
20) 2-Butanone-d5	3.95	46	40355	55.89	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 111.78%			
24) Chloroform-d	4.40	84	124480	26.94	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 107.76%			
26) 1,2-Dichloroethane-d4	5.08	65	72134	28.22	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 112.88%			
29) Benzene-d6	5.10	84	257024	26.94	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 107.76%			
33) 1,2-Dichloropropane-d6	6.12	67	78676	28.14	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 112.56%			
37) Toluene-d8	7.36	98	250231	27.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 109.36%			
38) trans-1,3-Dichloropropene-	7.66	79	38311	27.41	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 109.64%			
39) 2-Hexanone-d5	8.14	63	31501	53.23	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 106.46%			
48) 1,1,2,2-Tetrachloroethane-	10.26	84	74855	27.41	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 109.64%			
61) 1,2-Dichlorobenzene-d4	11.67	152	86402	28.24	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 112.96%			
Target Compounds						Qvalue
3) Chloromethane	1.25	50	52811	20.632	ug/L	98
6) Bromomethane	1.53	94	25359	8.291	ug/L	97
9) Trichlorofluoromethane	1.76	101	94907	16.551	ug/L	98
12) 1,1-Dichloroethene	2.14	96	61526	22.489	ug/L	91
13) Acetone	2.21	43	56199	68.075	ug/L	96
15) Methyl Acetate	2.46	43	43247	39.646	ug/L	96
16) Methylene chloride	2.53	84	29943	11.604	ug/L	98
17) Methyl tert-butyl Ether	2.80	73	193959	32.581	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	25971	10.922	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	69029	25.821	ug/L	97
23) Bromochloromethane	4.30	128	18874	15.732	ug/L	92
27) 1,2-Dichloroethane	5.18	62	32305	10.159	ug/L	97
30) Cyclohexane	4.72	56	43070	10.130	ug/L	99
31) 1,1,1-Trichloroethane	4.65	97	42438	9.956	ug/L	97
32) Carbon tetrachloride	4.87	117	42339	11.646	ug/L	96
35) Trichloroethene	5.96	95	106484	38.441	ug/L	99
36) Methylcyclohexane	6.17	83	116249	24.035	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 1,2-Dichloropropane	6.22	63	29993	12.065	ug/L	99
41) Bromodichloromethane	6.55	83	70248	19.870	ug/L	94
42) cis-1,3-Dichloropropene	7.07	75	69909	17.698	ug/L	97
44) Toluene	7.43	91	230155	20.564	ug/L	100
45) trans-1,3-Dichloropropene	7.69	75	29551	8.252	ug/L	99
47) Tetrachloroethene	8.02	164	79196	38.599	ug/L	94
49) 2-Hexanone	8.19	43	63240	42.613	ug/L	99
50) Dibromochloromethane	8.29	129	50026	19.476	ug/L	96
53) Ethylbenzene	9.05	91	189577	14.810	ug/L	98
54) m,p-Xylene	9.19	106	50582	10.144	ug/L	94
55) o-xylene	9.59	106	58132	12.296	ug/L	95
57) Isopropylbenzene	9.98	105	156054	12.082	ug/L	99
63) 1,3-Dichlorobenzene	11.23	146	106861	20.154	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	51815	10.401	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	9649	19.616	ug/L	94

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

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