Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101119\
Data File : VW013534.D
Acq On : 11 Oct 2019 12:58
Operator : SY/VA
Sample : K5267-12
Misc : 5.00G/10ML/MSVOA_W/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DBAQ5

Quant Time: Oct 11 22:42:59 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM101019S.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 11 22:30:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	441775	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383434	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	189487	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	118877	23.51	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 94.04%			
7) Chloroethane-d5	2.89	69	85861	22.12	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 88.48%			
10) 1,1-Dichloroethene-d2	4.02	63	241105	22.98	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 91.92%			
20) 2-Butanone-d5	7.08	46	89977	59.08	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 118.16%			
24) Chloroform-d	7.65	84	210211	21.91	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 87.64%			
26) 1,2-Dichloroethane-d4	8.31	65	118145	23.76	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 95.04%			
29) Benzene-d6	8.27	84	484392	23.58	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 94.32%			
33) 1,2-Dichloropropane-d6	9.27	67	138865	22.79	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 91.16%			
37) Toluene-d8	10.32	98	445023	22.83	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 91.32%			
38) trans-1,3-Dichloropropene-	10.58	79	62952	23.19	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 92.76%			
39) 2-Hexanone-d5	10.92	63	68468	56.17	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 112.34%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	121413	24.85	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 99.40%			
61) 1,2-Dichlorobenzene-d4	13.85	152	158470	23.27	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 93.08%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	85148	20.131	ug/L	95
6) Bromomethane	2.78	94	33331	9.094	ug/L	100
9) Trichlorofluoromethane	3.26	101	50930	16.326	ug/L	99
12) 1,1-Dichloroethene	4.03	96	119704	21.585	ug/L	91
13) Acetone	4.13	43	120175	68.655	ug/L	99
15) Methyl Acetate	4.67	43	125125	45.825	ug/L	99
16) Methylene chloride	4.92	84	63462	9.484	ug/L	96
17) Methyl tert-butyl Ether	5.42	73	276874	31.069	ug/L	99
18) trans-1,2-Dichloroethene	5.42	96	59213	10.006	ug/L	95
22) cis-1,2-Dichloroethene	7.17	96	153696	24.284	ug/L	98
23) Bromochloromethane	7.51	128	41571	14.669	ug/L	95
27) 1,2-Dichloroethane	8.40	62	61147	9.864	ug/L	97
30) Cyclohexane	7.95	56	96265	9.548	ug/L	98
31) 1,1,1-Trichloroethane	7.87	97	78535	10.169	ug/L	100
32) Carbon tetrachloride	8.07	117	90381	12.201	ug/L	99
35) Trichloroethene	9.09	95	234128	38.748	ug/L	99
36) Methylcyclohexane	9.34	83	265050	24.122	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
40) 1,2-Dichloropropane	9.37	63	70657	12.662 ug/L	99
41) Bromodichloromethane	9.65	83	131709	19.216 ug/L	99
42) cis-1,3-Dichloropropene	10.07	75	146867	16.406 ug/L	98
44) Toluene	10.38	91	491415	19.575 ug/L	98
45) trans-1,3-Dichloropropene	10.60	75	58931	8.337 ug/L	100
47) Tetrachloroethene	10.86	164	210032	38.140 ug/L	95
49) 2-Hexanone	10.97	43	136737	48.321 ug/L	99
50) Dibromochloromethane	11.13	129	98266	19.703 ug/L	99
53) Ethylbenzene	11.73	91	403514	14.521 ug/L	100
54) m,p-Xylene	11.85	106	103855	9.581 ug/L	96
55) o-xylene	12.16	106	118345	11.696 ug/L	95
57) Isopropylbenzene	12.46	105	334996	12.204 ug/L	99
63) 1,3-Dichlorobenzene	13.50	146	243941	19.212 ug/L	95
65) 1,2-Dichlorobenzene	13.87	146	111713	9.785 ug/L	98
66) 1,2-Dibromo-3-chloropropan	14.48	75	17340	22.000 ug/L	94

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

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