Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW101520\
Data File : VW016901.D
Acq On : 14 Oct 2020 13:36
Operator : SY/VA
Sample : L4382-11
Misc : 5.53G/10ML/MSVOA_W/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BG3X9

Manual Integrations APPROVED
MMDadoda
10/19/2020 10:59:08 AM

Quant Time: Oct 15 08:56:13 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM100720S.M
Quant Title : VOC Analysis
QLast Update : Thu Oct 15 08:29:28 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.86	114	190092	25.00	ug/L	0.02
28) Chlorobenzene-d5	11.66	117	87604	25.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	13.57	152	27633	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	64394	34.34	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 137.36%			
7) Chloroethane-d5	2.89	69	54568	34.69	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 138.76%			
10) 1,1-Dichloroethene-d2	4.04	63	96543	24.24	ug/L	0.01
Spiked Amount 25.000	Range 45 - 110		Recovery = 96.96%			
20) 2-Butanone-d5	7.09	46	27553	64.87	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 129.74%			
24) Chloroform-d	7.66	84	117988	29.41	ug/L	0.01
Spiked Amount 25.000	Range 40 - 150		Recovery = 117.64%			
26) 1,2-Dichloroethane-d4	8.32	65	69838	36.05	ug/L	0.01
Spiked Amount 25.000	Range 70 - 130		Recovery = 144.20%#			
29) Benzene-d6	8.29	84	209544	52.67	ug/L	0.02
Spiked Amount 25.000	Range 20 - 135		Recovery = 210.68%#			
33) 1,2-Dichloropropane-d6	9.29	67	58725	54.92	ug/L	0.01
Spiked Amount 25.000	Range 70 - 120		Recovery = 219.68%#			
37) Toluene-d8	10.35	98	126590	33.72	ug/L	0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 134.88%#			
38) trans-1,3-Dichloropropene-	10.59	79	24913	52.83	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 211.32%#			
39) 2-Hexanone-d5	0.00	63	0d	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	12.70	84	37559	43.48	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 173.92%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	21694	24.75	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 99.00%			
Target Compounds						Qvalue
5) Vinyl chloride	2.36	62	2273	0.874	ug/L #	1
12) 1,1-Dichloroethene	4.06	96	44249	18.004	ug/L	89
13) Acetone	4.13	43	5382	16.744	ug/L	93
14) Carbon disulfide	4.40	76	13548	1.922	ug/L #	93
16) Methylene chloride	4.94	84	9687	3.693	ug/L	96
18) trans-1,2-Dichloroethene	5.46	96	2982m	1.161	ug/L	
22) cis-1,2-Dichloroethene	7.20	96	5982m	2.283	ug/L	
30) Cyclohexane	7.98	56	3827	2.107	ug/L #	50
34) Benzene	8.35	78	111835	23.772	ug/L	100
35) Trichloroethene	9.11	95	2649067	1990.715	ug/L	99
36) Methylcyclohexane	9.35	83	6897m	3.083	ug/L	
44) Toluene	10.40	91	62517	11.979	ug/L	97
47) Tetrachloroethene	10.87	164	51215537m	41513.466	ug/L	
52) Chlorobenzene	11.69	112	6167	1.761	ug/L	98
53) Ethylbenzene	11.76	91	38292	6.541	ug/L	98
54) m,p-Xylene	11.86	106	68867	30.245	ug/L	96
55) o-xylene	12.18	106	48371	22.234	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
57) Isopropylbenzene	12.48	105	28861	4.845	ug/L		97
63) 1,3-Dichlorobenzene	13.51	146	3524	2.004	ug/L	#	12
64) 1,4-Dichlorobenzene	13.58	146	82378	46.838	ug/L	#	84
65) 1,2-Dichlorobenzene	13.88	146	129121	82.002	ug/L		97

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

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