Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW111120\
Data File : VW017165.D
Acq On : 11 Nov 2020 15:48
Operator : SY/VA
Sample : L4693-08
Misc : 5.60G/10ML/MSVOA_W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Nov 12 05:36:56 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM110420S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 12 03:07:51 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	506900	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.64	117	356298	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	115108	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	129915	20.35	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 81.40%			
7) Chloroethane-d5	2.89	69	110009	22.36	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.44%			
10) 1,1-Dichloroethene-d2	4.02	63	176384	15.44	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 61.76%			
20) 2-Butanone-d5	7.09	46	37009	25.92	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 51.84%			
24) Chloroform-d	7.65	84	250869	21.20	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 84.80%			
26) 1,2-Dichloroethane-d4	8.31	65	115113	19.57	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.28%			
29) Benzene-d6	8.28	84	500594	27.59	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 110.36%			
33) 1,2-Dichloropropane-d6	9.28	67	132793	26.46	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 105.84%			
37) Toluene-d8	10.33	98	452027	26.42	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 105.68%			
38) trans-1,3-Dichloropropene-	10.59	79	45956	20.31	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 81.24%			
39) 2-Hexanone-d5	10.95	63	10821m	12.36	ug/L	0.02
Spiked Amount 50.000	Range 20 - 135		Recovery = 24.72%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	71270	16.30	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 65.20%			
61) 1,2-Dichlorobenzene-d4	13.86	152	90498	22.32	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 89.28%			
Target Compounds						Qvalue
13) Acetone	4.14	43	10763	11.258	ug/L	42
14) Carbon disulfide	4.39	76	42914	2.506	ug/L	98
16) Methylene chloride	4.92	84	10417	1.524	ug/L	93
22) cis-1,2-Dichloroethene	7.17	96	11504	1.671	ug/L	95
34) Benzene	8.33	78	114334	6.111	ug/L	100
35) Trichloroethene	9.10	95	2092176	399.204	ug/L	100
43) 4-Methyl-2-pentanone	10.21	43	3964	1.469	ug/L	91
44) Toluene	10.40	91	10900	0.529	ug/L	98
47) Tetrachloroethene	10.87	164	29208122m	6177.055	ug/L	
53) Ethylbenzene	11.74	91	11467	0.499	ug/L	96
54) m,p-Xylene	11.85	106	7496	0.833	ug/L	93
55) o-xylene	12.17	106	3829	0.448	ug/L	92
64) 1,4-Dichlorobenzene	13.58	146	10656	1.481	ug/L	96
65) 1,2-Dichlorobenzene	13.87	146	8308	1.287	ug/L	93

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

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