Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW110320\
Data File : VW017058.D
Acq On : 03 Nov 2020 14:46
Operator : SY/VA
Sample : L4615-03
Misc : 6.07G/10ML/MSVOA_W/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : BG475

Manual Integrations APPROVED
MMDadoda
11/9/2020 10:02:14 AM

Quant Time: Nov 04 05:07:23 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM102220S.M
Quant Title : VOC Analysis
QLast Update : Wed Nov 04 04:03:33 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	505406	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	414077	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	144618	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	130528	22.38	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.52%			
7) Chloroethane-d5	2.90	69	109667	24.26	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.04%			
10) 1,1-Dichloroethene-d2	4.03	63	191810	16.91	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 67.64%			
20) 2-Butanone-d5	7.08	46	57142	52.00	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 104.00%			
24) Chloroform-d	7.65	84	275264	23.61	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 94.44%			
26) 1,2-Dichloroethane-d4	8.31	65	132151	24.09	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 96.36%			
29) Benzene-d6	8.28	84	555323	26.11	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.44%			
33) 1,2-Dichloropropane-d6	9.28	67	155141	27.02	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 108.08%			
37) Toluene-d8	10.33	98	501629	25.05	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 100.20%			
38) trans-1,3-Dichloropropene-	10.58	79	59969	24.61	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 98.44%			
39) 2-Hexanone-d5	10.93	63	43371	53.80	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 107.60%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	108160	24.73	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 98.92%			
61) 1,2-Dichlorobenzene-d4	13.86	152	124375	24.47	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 97.88%			
Target Compounds						Qvalue
13) Acetone	4.13	43	6723	9.093	ug/L	100
14) Carbon disulfide	4.39	76	13388	0.667	ug/L #	91
16) Methylene chloride	4.92	84	14596	2.184	ug/L	92
22) cis-1,2-Dichloroethene	7.17	96	30443	4.352	ug/L	97
34) Benzene	8.33	78	164473	7.190	ug/L	100
35) Trichloroethene	9.10	95	1693739	267.349	ug/L	99
43) 4-Methyl-2-pentanone	10.21	43	2455	1.014	ug/L	98
47) Tetrachloroethene	10.87	164	23580691m	4046.335	ug/L	
54) m,p-Xylene	11.84	106	2845	0.260	ug/L	96
55) o-xylene	12.17	106	2543	0.251	ug/L	93
64) 1,4-Dichlorobenzene	13.58	146	2467	0.265	ug/L #	86
65) 1,2-Dichlorobenzene	13.87	146	2989	0.363	ug/L #	77

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

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