Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW092420\
Data File : VW016633.D
Acq On : 23 Sep 2020 16:49
Operator : SY/VA
Sample : L4109-13
Misc : 6.09G/10ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId :

Quant Time: Sep 24 06:02:46 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM091520S.M
Quant Title : VOC Analysis
QLast Update : Thu Sep 24 04:34:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	54071	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	37605	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	9576	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.36	65	11394	21.77	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 87.08%			
7) Chloroethane-d5	2.89	69	10442	24.44	ug/L	-0.01
Spiked Amount 25.000	Range 30 - 150		Recovery = 97.76%			
10) 1,1-Dichloroethene-d2	4.03	63	17837	15.24	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 60.96%			
20) 2-Butanone-d5	7.09	46	6979m	48.91	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 97.82%			
24) Chloroform-d	7.65	84	25833	22.84	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 91.36%			
26) 1,2-Dichloroethane-d4	8.31	65	15124	26.05	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 104.20%			
29) Benzene-d6	8.28	84	50043	29.67	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 118.68%			
33) 1,2-Dichloropropane-d6	9.28	67	14600	31.95	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 127.80%#			
37) Toluene-d8	10.33	98	40209	24.23	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 96.92%			
38) trans-1,3-Dichloropropene-	10.58	79	5793	25.14	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 100.56%			
39) 2-Hexanone-d5	10.93	63	4219	50.75	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 101.50%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	10744	27.63	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 110.52%			
61) 1,2-Dichlorobenzene-d4	13.85	152	7806	25.51	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 102.04%			
Target Compounds						Qvalue
13) Acetone	4.13	43	5978	53.482	ug/L	68
16) Methylene chloride	4.94	84	3169m	3.800	ug/L	
30) Cyclohexane	7.95	56	3845m	4.679	ug/L	
36) Methylcyclohexane	9.34	83	1061	1.073	ug/L #	47
44) Toluene	10.39	91	19704	8.694	ug/L	99
46) 1,1,2-Trichloroethane	10.76	97	2953	7.477	ug/L #	30
53) Ethylbenzene	11.73	91	19887	7.729	ug/L	94
54) m,p-Xylene	11.84	106	41004	40.696	ug/L	89
55) o-xylene	12.16	106	24396	25.273	ug/L	98
57) Isopropylbenzene	12.46	105	11545	4.377	ug/L #	97
63) 1,3-Dichlorobenzene	13.50	146	947	1.520	ug/L #	1
64) 1,4-Dichlorobenzene	13.58	146	4886	8.010	ug/L #	62
65) 1,2-Dichlorobenzene	13.87	146	5827	10.470	ug/L #	74

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

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