Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081320\
Data File : VW016178.D
Acq On : 13 Aug 2020 13:51
Operator : SY/VA
Sample : L3599-19
Misc : 5.99G/10ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : GAYA1

Manual Integrations APPROVED
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8/14/2020 5:11:37 PM

Quant Time: Aug 14 15:02:59 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM081020S.M
Quant Title : VOC Analysis
QLast Update : Fri Aug 14 06:19:29 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.93	114	335980m	25.00	ug/L	0.09
28) Chlorobenzene-d5	11.64	117	243790	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	56875	25.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.35	65	93685	22.49	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 89.96%			
7) Chloroethane-d5	2.89	69	63818	20.18	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.72%			
10) 1,1-Dichloroethene-d2	4.04	63	770860	87.13	ug/L	0.03
Spiked Amount 25.000	Range 45 - 110		Recovery = 348.52%#			
20) 2-Butanone-d5	7.12	46	48846	44.56	ug/L	0.04
Spiked Amount 50.000	Range 20 - 135		Recovery = 89.12%			
24) Chloroform-d	7.67	84	165978	18.41	ug/L	0.02
Spiked Amount 25.000	Range 40 - 150		Recovery = 73.64%			
26) 1,2-Dichloroethane-d4	8.33	65	94088	19.65	ug/L	0.02
Spiked Amount 25.000	Range 70 - 130		Recovery = 78.60%			
29) Benzene-d6	8.32	84	347641	26.21	ug/L	0.05
Spiked Amount 25.000	Range 20 - 135		Recovery = 104.84%			
33) 1,2-Dichloropropane-d6	9.38	67	108710	27.87	ug/L	0.11
Spiked Amount 25.000	Range 70 - 120		Recovery = 111.48%			
37) Toluene-d8	10.34	98	281625	23.15	ug/L	0.02
Spiked Amount 25.000	Range 30 - 130		Recovery = 92.60%			
38) trans-1,3-Dichloropropene-	10.59	79	41142	23.47	ug/L	0.01
Spiked Amount 25.000	Range 30 - 135		Recovery = 93.88%			
39) 2-Hexanone-d5	10.93	63	38895	57.81	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 115.62%			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	56216	17.71	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 70.84%			
61) 1,2-Dichlorobenzene-d4	13.86	152	35997	17.86	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 71.44%#			
Target Compounds						Qvalue
5) Vinyl chloride	2.36	62	164731	36.824	ug/L	99
12) 1,1-Dichloroethene	4.05	96	1276983m	296.132	ug/L	
13) Acetone	4.15	43	15527m	18.726	ug/L	
18) trans-1,2-Dichloroethene	5.45	96	454306	100.156	ug/L	89
19) 1,1-Dichloroethane	6.24	63	578036	72.024	ug/L	98
22) cis-1,2-Dichloroethene	7.18	96	25611221	5352.222	ug/L	94
25) Chloroform	7.70	83	15774	1.847	ug/L	90
31) 1,1,1-Trichloroethane	7.89	97	525461	93.800	ug/L	99
34) Benzene	8.35	78	16741m	1.191	ug/L	
35) Trichloroethene	9.15	95	105262087m	27845.575	ug/L	
44) Toluene	10.40	91	6656393	448.530	ug/L	97
46) 1,1,2-Trichloroethane	10.80	97	69009	25.393	ug/L	95
47) Tetrachloroethene	10.87	164	686708	242.317	ug/L	99
53) Ethylbenzene	11.74	91	3074363	182.588	ug/L	99
54) m,p-Xylene	11.84	106	2904069	458.502	ug/L	97
55) o-xylene	12.17	106	673723	112.927	ug/L	96
57) Isopropylbenzene	12.47	105	32626	2.028	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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