Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV100920\
Data File : VV018792.D
Acq On : 09 Oct 2020 04:11
Operator : SY/MD
Sample : L4239-07 40X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : BG3N8

Quant Time: Oct 09 08:40:10 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM100820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Oct 09 07:31:27 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	304005	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	298134	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	155073	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.32	65	130456	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.46%			
7) Chloroethane-d5	1.58	69	110003	49.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.94%			
11) 1,1-Dichloroethene-d2	2.12	63	200392	37.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.26%			
21) 2-Butanone-d5	3.90	46	190436	112.28	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.28%			
24) Chloroform-d	4.37	84	236256	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.96%			
26) 1,2-Dichloroethane-d4	5.06	65	164542	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
32) Benzene-d6	5.07	84	461932	48.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.28%			
36) 1,2-Dichloropropane-d6	6.09	67	146947	46.97	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.94%			
41) Toluene-d8	7.34	98	425197	49.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.84%			
43) trans-1,3-Dichloropropene-	7.64	79	73127	47.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.64%			
47) 2-Hexanone-d5	8.11	63	107330	97.88	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 97.88%			
57) 1,1,2,2-Tetrachloroethane-	10.23	84	163696	45.48	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.96%			
64) 1,2-Dichlorobenzene-d4	11.65	152	167886	48.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.84%			
Target Compounds						Qvalue
5) Vinyl chloride	1.32	62	3110	1.159	ug/L #	16
19) 1,1-Dichloroethane	3.21	63	29306	6.724	ug/L	94
20) cis-1,2-Dichloroethene	3.94	96	167654	71.429	ug/L	98
29) Cyclohexane	4.70	56	12750	3.531	ug/L	97
30) 1,1,1-Trichloroethane	4.63	97	306818	77.216	ug/L	99
42) Toluene	7.41	91	2811244	289.366	ug/L	97
46) Tetrachloroethene	8.00	164	1514	0.759	ug/L	92
51) Chlorobenzene	8.90	112	5417	0.840	ug/L	93
52) Ethylbenzene	9.03	91	129130	11.705	ug/L	100
53) m,p-Xylene	9.16	106	179213	44.254	ug/L	99
54) o-xylene	9.56	106	101261	26.327	ug/L	99
56) Isopropylbenzene	9.95	105	21988	2.066	ug/L	99
65) 1,2-Dichlorobenzene	11.67	146	5324	1.049	ug/L	91

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

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