Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092519\

Quantitation Report (QT/LSC Reviewed)

Data File : VU034828.D
Acq On : 26 Sep 2019 01:25
Operator : JC/SP
Sample : PB123362TB
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VLEB02

Manual Integrations APPROVED
MMDadoda
10/11/2019 8:33:15 AM

Quant Time: Oct 11 02:16:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091919WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Oct 09 02:24:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	433889	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	411562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.46	152	192885	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.39	65	183956	41.41	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.82%			
7) Chloroethane-d5	1.67	69	163364m	47.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.18%			
11) 1,1-Dichloroethene-d2	2.26	63	248753	33.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.14%			
21) 2-Butanone-d5	4.15	46	395760	116.25	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 116.25%			
24) Chloroform-d	4.62	84	319654	49.50	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.00%			
26) 1,2-Dichloroethane-d4	5.29	65	222673	46.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.82%			
32) Benzene-d6	5.32	84	680602	53.35	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 106.70%			
36) 1,2-Dichloropropane-d6	6.31	67	239498	53.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 107.44%			
41) Toluene-d8	7.54	98	637517	52.53	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.06%			
43) trans-1,3-Dichloropropene-	7.83	79	105716	49.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 99.02%			
47) 2-Hexanone-d5	8.29	63	284480	127.03	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 127.03%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	335538	54.24	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 108.48%			
64) 1,2-Dichlorobenzene-d4	11.84	152	233235	57.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 115.34%			
Target Compounds						Qvalue
13) Acetone	2.31	43	48592	12.270	ug/L	96
15) Methyl Acetate	2.60	43	7730	1.461	ug/L	97
16) Methylene chloride	2.68	84	3391199	943.067	ug/L	95
22) 2-Butanone	4.26	43	12477	2.648	ug/L	85
42) Toluene	7.62	91	35138	2.278	ug/L	94
52) Ethylbenzene	9.23	91	18946	1.091	ug/L	95
53) m,p-Xylene	9.35	106	67828	11.024	ug/L	93
54) o-xylene	9.76	106	40441	6.645	ug/L	98
56) Isopropylbenzene	10.14	105	20568	1.253	ug/L	96
65) 1,2-Dichlorobenzene	11.85	146	14415	2.136	ug/L	94

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

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