Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV061120\
Data File : VV016845.D
Acq On : 11 Jun 2020 22:47
Operator : SY/MD
Sample : L2915-08DL 100X
Misc : 5.0mL/MSVOA_V/WATER
ALS Vial : 36 Sample Multiplier: 1

Instrument : MSVOA_V
ClientSampleId : F9E16DL

Quant Time: Jun 12 06:43:48 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM060820WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Jun 12 05:55:11 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	357838	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	333290	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	167438	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.31	65	102463	40.58	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 81.16%			
7) Chloroethane-d5	1.56	69	71945	47.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.98%			
11) 1,1-Dichloroethene-d2	2.12	63	142931	33.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.42%			
21) 2-Butanone-d5	3.89	46	164410	87.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 87.98%			
24) Chloroform-d	4.37	84	219122	42.68	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.36%			
26) 1,2-Dichloroethane-d4	5.05	65	159250	45.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.20%			
32) Benzene-d6	5.07	84	431089	44.87	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.74%			
36) 1,2-Dichloropropane-d6	6.09	67	131499	43.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 87.82%			
41) Toluene-d8	7.34	98	387687	43.97	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 87.94%			
43) trans-1,3-Dichloropropene-	7.64	79	63694	40.84	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 81.68%			
47) 2-Hexanone-d5	8.11	63	99143	75.93	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 75.93%			
57) 1,1,2,2-Tetrachloroethane-	10.24	84	172435	43.49	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 86.98%			
64) 1,2-Dichlorobenzene-d4	11.65	152	166970	46.73	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.46%			
Target Compounds						Qvalue
29) Cyclohexane	4.70	56	2908	0.702	ug/L #	73
33) Benzene	5.12	78	891876	90.444	ug/L	100
42) Toluene	7.41	91	107297	10.322	ug/L	97
52) Ethylbenzene	9.04	91	57677	5.009	ug/L	96
53) m,p-Xylene	9.16	106	5665	1.321	ug/L	92
54) o-xylene	9.57	106	11200	2.649	ug/L	96

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

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