Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU053020\

Quantitation Report (LSC Reviewed)

Data File : VU038387.D
Acq On : 29 May 2020 19:38
Operator : JC/MD
Sample : L2749-15 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4X9

Quant Time: May 30 01:36:55 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 30 00:03:10 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	299601	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	288138	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	142949	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	93674	3.42	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 68.40%			
7) Chloroethane-d5	1.93	69	84759	3.58	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.60%			
11) 1,1-Dichloroethene-d2	2.59	63	144374	3.15	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.00%			
20) 2-Butanone-d5	4.67	46	348443	51.53	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.06%			
24) Chloroform-d	5.10	84	200723	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.74	65	118672	4.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.60%			
32) Benzene-d6	5.76	84	415770	4.81	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.20%			
36) 1,2-Dichloropropane-d6	6.72	67	129247	4.64	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 92.80%			
41) Toluene-d8	7.92	98	358921	4.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.60%			
43) trans-1,3-Dichloropropene-	8.20	79	51479	4.61	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.20%			
46) 2-Hexanone-d5	8.65	63	281190	53.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 106.68%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	104861	4.77	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	146706	5.27	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 105.40%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	2587	0.130	ug/L #	76
16) Methylene chloride	3.07	84	2464	0.102	ug/L	83
33) Benzene	5.81	78	904529	9.803	ug/L	100
42) Toluene	7.99	91	1339669	13.754	ug/L	98
51) Chlorobenzene	9.47	112	225830	3.736	ug/L	97
52) Ethylbenzene	9.59	91	115863	1.098	ug/L	99
53) m,p-Xylene	9.71	106	125730	3.108	ug/L	100
54) o-Xylene	10.11	106	51559	1.318	ug/L	99
56) Isopropylbenzene	10.50	105	57869	0.576	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	7452	0.158	ug/L	89
65) 1,2-Dichlorobenzene	12.22	146	4246	0.095	ug/L	92

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

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