Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052120\
Data File : VU038275.D
Acq On : 21 May 2020 19:44
Operator : JC/MD
Sample : L2724-13DL 20X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4T9DL

Quant Time: May 22 02:34:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri May 22 01:03:14 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	484488	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	468663	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	233577	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	118620	2.68	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.60%			
7) Chloroethane-d5	1.93	69	134832	3.52	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 70.40%			
11) 1,1-Dichloroethene-d2	2.59	63	182541	2.46	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 49.20%#			
20) 2-Butanone-d5	4.66	46	524494	47.97	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 95.94%			
24) Chloroform-d	5.10	84	279946	4.16	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.20%			
26) 1,2-Dichloroethane-d4	5.74	65	165619	4.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 86.00%			
32) Benzene-d6	5.76	84	576946	4.11	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.20%			
36) 1,2-Dichloropropane-d6	6.72	67	192542	4.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.00%			
41) Toluene-d8	7.92	98	513545	4.07	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.40%			
43) trans-1,3-Dichloropropene-	8.20	79	69664	3.84	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.80%			
46) 2-Hexanone-d5	8.65	63	449260	52.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.80%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	163536	4.57	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 91.40%			
64) 1,2-Dichlorobenzene-d4	12.20	152	202272	4.45	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.00%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	23072	0.717	ug/L #	71
16) Methylene chloride	3.08	84	2991	0.076	ug/L	88
30) Cyclohexane	5.42	56	21024	0.332	ug/L	97
33) Benzene	5.81	78	687057	4.578	ug/L	100
35) Methylcyclohexane	6.79	83	17988	0.296	ug/L	95
42) Toluene	7.99	91	106819	0.674	ug/L	99
51) Chlorobenzene	9.47	112	2622138	26.669	ug/L	98
52) Ethylbenzene	9.59	91	241945	1.410	ug/L	100
53) m,p-Xylene	9.71	106	35067	0.533	ug/L	90
54) o-Xylene	10.11	106	48495	0.762	ug/L	99
56) Isopropylbenzene	10.50	105	212887	1.303	ug/L	100
62) 1,3-Dichlorobenzene	11.75	146	17477	0.230	ug/L	93
63) 1,4-Dichlorobenzene	11.85	146	88178	1.145	ug/L	96
65) 1,2-Dichlorobenzene	12.22	146	37779	0.517	ug/L	96

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

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