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

Quantitation Report (LSC Reviewed)

Data File : VU038385.D
Acq On : 29 May 2020 18:52
Operator : JC/MD
Sample : L2749-09DL 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 2 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE4X4DL

Quant Time: May 30 01:29:46 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	305321	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	296631	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	150314	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	94457	3.38	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.60%			
7) Chloroethane-d5	1.93	69	85839	3.55	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 71.00%			
11) 1,1-Dichloroethene-d2	2.59	63	147700	3.16	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 63.20%			
20) 2-Butanone-d5	4.67	46	358113	51.97	ug/L	-0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.94%			
24) Chloroform-d	5.10	84	202396	4.78	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.60%			
26) 1,2-Dichloroethane-d4	5.74	65	118818	4.89	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.80%			
32) Benzene-d6	5.76	84	415890	4.68	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.60%			
36) 1,2-Dichloropropane-d6	6.72	67	130028	4.53	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 90.60%			
41) Toluene-d8	7.92	98	367221	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.00%			
43) trans-1,3-Dichloropropene-	8.20	79	51274	4.46	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.20%			
46) 2-Hexanone-d5	8.65	63	287205	52.92	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.84%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	109682	4.84	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 96.80%			
64) 1,2-Dichlorobenzene-d4	12.20	152	149011	5.09	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.80%			
Target Compounds						Qvalue
8) Chloroethane	1.95	64	3429	0.169	ug/L #	78
30) Cyclohexane	5.42	56	11041	0.275	ug/L #	92
33) Benzene	5.81	78	27293	0.287	ug/L	100
35) Methylcyclohexane	6.79	83	5996	0.156	ug/L	93
51) Chlorobenzene	9.47	112	494349	7.944	ug/L	98
54) o-Xylene	10.11	106	2507	0.062	ug/L	64
56) Isopropylbenzene	10.50	105	681961	6.593	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	3699	0.076	ug/L	84
63) 1,4-Dichlorobenzene	11.85	146	29393	0.593	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	21694	0.461	ug/L	97

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

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