Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039418.D
Acq On : 10 Jul 2020 01:06
Operator : SY/MD
Sample : L3261-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE505

Quant Time: Jul 10 02:47:37 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Jul 10 02:02:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	100821	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	92010	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	44028	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	25089	4.29	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 85.80%			
7) Chloroethane-d5	1.93	69	27622	4.62	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.40%			
11) 1,1-Dichloroethene-d2	2.58	63	41264	3.59	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.80%			
20) 2-Butanone-d5	4.66	46	154934	57.95	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 115.90%			
24) Chloroform-d	5.09	84	66311	5.33	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.60%			
26) 1,2-Dichloroethane-d4	5.72	65	43542	5.58	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 111.60%			
32) Benzene-d6	5.75	84	124699	5.63	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 112.60%			
36) 1,2-Dichloropropane-d6	6.71	67	43995	5.65	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 113.00%			
41) Toluene-d8	7.91	98	108867	5.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 113.40%			
43) trans-1,3-Dichloropropene-	8.19	79	16983	4.94	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 98.80%			
46) 2-Hexanone-d5	8.64	63	116555	57.18	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 114.36%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	41811	5.42	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 108.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	44274	5.63	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 112.60%			
Target Compounds						Qvalue
8) Chloroethane	1.94	64	6332	1.066	ug/L	89
17) Methyl tert-butyl Ether	3.39	73	12924	0.684	ug/L #	9
25) Chloroform	5.11	83	5463	0.417	ug/L	91
33) Benzene	5.79	78	223107	8.110	ug/L	100
42) Toluene	7.98	91	19924	0.676	ug/L	99
51) Chlorobenzene	9.45	112	87370	4.854	ug/L	98
52) Ethylbenzene	9.57	91	58184	1.787	ug/L	97
53) m,p-Xylene	9.69	106	6785	0.553	ug/L	89
54) o-Xylene	10.10	106	95006	7.956	ug/L	98
56) Isopropylbenzene	10.48	105	50908	1.576	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	1408	0.102	ug/L	86
63) 1,4-Dichlorobenzene	11.83	146	13209	0.954	ug/L	97
65) 1,2-Dichlorobenzene	12.21	146	9234	0.668	ug/L	95

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

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