Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU070920\
Data File : VU039415.D
Acq On : 09 Jul 2020 23:57
Operator : SY/MD
Sample : L3261-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BE502

Quant Time: Jul 10 02:33:04 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	93917	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.42	117	85796	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	42387	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.61	65	25062	4.61	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.20%				
7) Chloroethane-d5	1.93	69	29031	5.21	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 104.20%				
11) 1,1-Dichloroethene-d2	2.58	63	39663	3.70	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 74.00%				
20) 2-Butanone-d5	4.66	46	147517	59.23	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.46%				
24) Chloroform-d	5.08	84	63389	5.47	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.40%				
26) 1,2-Dichloroethane-d4	5.72	65	41689	5.73	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%				
32) Benzene-d6	5.75	84	122298	5.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 118.40%				
36) 1,2-Dichloropropane-d6	6.71	67	43059	5.93	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 118.60%				
41) Toluene-d8	7.91	98	106002	5.92	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.40%				
43) trans-1,3-Dichloropropene-	8.19	79	17177	5.36	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 107.20%				
46) 2-Hexanone-d5	8.64	63	108281	56.96	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 113.92%				
57) 1,1,2,2-Tetrachloroethane-	10.76	84	39247	5.46	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.20%				
64) 1,2-Dichlorobenzene-d4	12.19	152	43115	5.70	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.00%				
Target Compounds							Qvalue
8) Chloroethane	1.94	64	15552	2.811	ug/L		99
13) Acetone	2.66	43	1673	1.244	ug/L		72
17) Methyl tert-butyl Ether	3.38	73	4071	0.231	ug/L		96
19) 1,1-Dichloroethane	3.90	63	16728	1.383	ug/L	#	95
22) cis-1,2-Dichloroethene	4.69	96	1308	0.189	ug/L		93
25) Chloroform	5.11	83	6761	0.553	ug/L		90
29) 1,1,1-Trichloroethane	5.34	97	1006	0.100	ug/L	#	87
33) Benzene	5.79	78	26104	1.018	ug/L		100
42) Toluene	7.98	91	36047	1.312	ug/L		96
47) Tetrachloroethene	8.56	164	915	0.198	ug/L		84
51) Chlorobenzene	9.45	112	3808	0.227	ug/L		98
52) Ethylbenzene	9.57	91	5360	0.177	ug/L		97
53) m,p-Xylene	9.70	106	5612	0.491	ug/L		98
54) o-Xylene	10.10	106	1971	0.177	ug/L	#	51
63) 1,4-Dichlorobenzene	11.83	146	4518	0.339	ug/L		88

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

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