Quantitation Report (LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102020\
Data File : VU040851.D
Acq On : 20 Oct 2020 16:47
Operator : SY/MD
Sample : L4420-08DL 5X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0AJ8DL

Quant Time: Oct 21 01:04:11 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100820WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Oct 20 23:49:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	144412	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	152583	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	66546	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	44979	3.76	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.20%			
7) Chloroethane-d5	1.92	69	38765	4.20	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.00%			
11) 1,1-Dichloroethene-d2	2.58	63	113966	4.87	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.40%			
20) 2-Butanone-d5	4.65	46	177098	46.25	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 92.50%			
24) Chloroform-d	5.08	84	90614	4.32	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%			
26) 1,2-Dichloroethane-d4	5.72	65	56282	4.40	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.00%			
32) Benzene-d6	5.74	84	168244	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
36) 1,2-Dichloropropane-d6	6.70	67	58306	4.27	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.40%			
41) Toluene-d8	7.91	98	136248	3.70	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 74.00%			
43) trans-1,3-Dichloropropene-	8.19	79	22056	3.81	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.20%			
46) 2-Hexanone-d5	8.64	63	129075	43.28	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.56%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	52212	4.26	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.20%			
64) 1,2-Dichlorobenzene-d4	12.19	152	55190	4.47	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.40%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	74734	7.253	ug/L	90
16) Methylene chloride	3.06	84	3880	0.293	ug/L	96
19) 1,1-Dichloroethane	3.89	63	13444	0.603	ug/L	97
22) cis-1,2-Dichloroethene	4.68	96	44507	3.826	ug/L	100
25) Chloroform	5.11	83	4766	0.209	ug/L	98
29) 1,1,1-Trichloroethane	5.33	97	5147	0.251	ug/L	99
31) Carbon tetrachloride	5.54	117	1504	0.086	ug/L	91
34) Trichloroethene	6.56	95	57470	4.523	ug/L	98
47) Tetrachloroethene	8.56	164	42847	4.726	ug/L	92
68) 1,2,4-trichlorobenzene	13.83	180	1929	0.162	ug/L	95
70) 1,2,3-Trichlorobenzene	14.32	180	2257	0.204	ug/L #	93

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

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