Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
Data File : VU039771.D
Acq On : 06 Aug 2020 21:26
Operator : SY/MD
Sample : L3590-03
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 26 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4L17

Quant Time: Aug 07 05:32:25 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Aug 07 04:28:48 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	83906	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	80911	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	38658	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	23039	5.09	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 101.80%			
7) Chloroethane-d5	1.92	69	23129	4.72	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.40%			
11) 1,1-Dichloroethene-d2	2.57	63	40136	4.40	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.00%			
20) 2-Butanone-d5	4.71	46	90136	45.23	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 90.46%			
24) Chloroform-d	5.08	84	54714	4.83	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.60%			
26) 1,2-Dichloroethane-d4	5.72	65	31466	4.67	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 93.40%			
32) Benzene-d6	5.74	84	97764	5.08	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.60%			
36) 1,2-Dichloropropane-d6	6.71	67	33695	5.11	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 102.20%			
41) Toluene-d8	7.90	98	79334	4.64	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 92.80%			
43) trans-1,3-Dichloropropene-	8.19	79	11298	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.65	63	69732	50.98	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 101.96%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	30421	4.75	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.00%			
64) 1,2-Dichlorobenzene-d4	12.19	152	35546	5.37	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.40%			

Target Compounds						Qvalue
5) Vinyl chloride	1.60	62	6380	0.935	ug/L	87
13) Acetone	2.73	43	22284	18.968	ug/L	84
18) trans-1,2-Dichloroethene	3.36	96	3489	0.626	ug/L	84
22) cis-1,2-Dichloroethene	4.68	96	32738	5.402	ug/L	98
33) Benzene	5.78	78	7323	0.332	ug/L	100
34) Trichloroethene	6.55	95	2258	0.394	ug/L	97
40) 4-Methyl-2-pentanone	7.81	43	12061	2.756	ug/L	99
42) Toluene	7.97	91	6426	0.277	ug/L	92
47) Tetrachloroethene	8.56	164	821	0.174	ug/L #	85
52) Ethylbenzene	9.57	91	1837	0.071	ug/L	95
53) m,p-Xylene	9.69	106	2593	0.263	ug/L	96
54) o-Xylene	10.10	106	798	0.083	ug/L	78

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

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