Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU082120\
Data File : VU039940.D
Acq On : 21 Aug 2020 20:03
Operator : SY/MD
Sample : L3776-02 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F4Y01

Quant Time: Aug 22 02:55:24 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR081920WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Aug 22 00:45:05 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	87499	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	81295	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	32597	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	26614	3.49	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 69.80%			
7) Chloroethane-d5	1.92	69	25635	4.05	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 81.00%			
11) 1,1-Dichloroethene-d2	2.58	63	38404	2.60	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 52.00%#			
20) 2-Butanone-d5	4.66	46	105835	43.33	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 86.66%			
24) Chloroform-d	5.08	84	56499	4.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 81.80%			
26) 1,2-Dichloroethane-d4	5.73	65	33171	4.06	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 81.20%			
32) Benzene-d6	5.75	84	105458	4.36	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 87.20%			
36) 1,2-Dichloropropane-d6	6.70	67	36566	4.58	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 91.60%			
41) Toluene-d8	7.91	98	83717	3.95	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.00%			
43) trans-1,3-Dichloropropene-	8.19	79	13677	4.08	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.60%			
46) 2-Hexanone-d5	8.64	63	80198	47.17	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.34%			
57) 1,1,2,2-Tetrachloroethane-	10.76	84	29918	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	30790	4.79	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.80%			
Target Compounds						Qvalue
16) Methylene chloride	3.07	84	2176	0.207	ug/L	80
33) Benzene	5.80	78	16601353	561.910	ug/L	100
42) Toluene	7.97	91	4146	0.137	ug/L	95
52) Ethylbenzene	9.57	91	65984	2.008	ug/L	100
53) m,p-Xylene	9.69	106	3636	0.288	ug/L	87
54) o-Xylene	10.10	106	1369	0.115	ug/L	89

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

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