Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121823\
Data File : VU057009.D
Acq On : 18 Dec 2023 22:27
Operator : MD/SY
Sample : 05771-01 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
E0Y98DL

Quant Time: Dec 19 05:11:11 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 19 02:36:03 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.271	114	215745	5.000	ug/L	0.03
28) Chlorobenzene-d5	9.422	117	237052	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	100369	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	85528	4.625	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 92.400%			
7) Chloroethane-d5	1.927	69	73600	5.318	ug/L	0.02
Spiked Amount 5.000	Range 65 - 130		Recovery = 106.400%			
11) 1,1-Dichloroethene-d2	2.573	65	34959	4.418	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 88.400%			
20) 2-Butanone-d5	4.753	46	119190	32.636	ug/L	0.14
Spiked Amount 50.000	Range 40 - 130		Recovery = 65.280%			
24) Chloroform-d	5.075	84	162232	4.633	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.600%			
26) 1,2-Dichloroethane-d4	5.730	65	75804	4.574	ug/L	0.04
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.400%			
32) Benzene-d6	5.747	84	306791	4.172	ug/L	0.03
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.400%			
36) 1,2-Dichloropropane-d6	6.711	67	97413	4.233	ug/L	0.03
Spiked Amount 5.000	Range 60 - 140		Recovery = 84.600%			
41) Toluene-d8	7.907	98	280109	4.262	ug/L	0.02
Spiked Amount 5.000	Range 70 - 130		Recovery = 85.200%			
43) trans-1,3-Dichloroprop...	8.187	79	33500	3.754	ug/L	0.01
Spiked Amount 5.000	Range 55 - 130		Recovery = 75.000%			
46) 2-Hexanone-d5	8.650	63	106889	31.755	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 63.500%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	71019	4.265	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	96569	4.894	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
16) Methylene chloride	3.046	84	7270	0.381	ug/L	94
17) Methyl tert-butyl Ether	3.390	73	6261	0.161	ug/L	96
22) cis-1,2-Dichloroethene	4.669	96	7206	0.373	ug/L	95
33) Benzene	5.798	78	42204	0.507	ug/L	100
42) Toluene	7.978	91	23914	0.277	ug/L	100
51) Chlorobenzene	9.451	112	265620	4.835	ug/L	97
53) m,p-Xylene	9.698	106	5632	0.159	ug/L	97
60) Isopropylbenzene	10.489	105	11113	0.140	ug/L #	84
63) 1,2,4-Trimethylbenzene	11.470	105	12869	0.200	ug/L	96
65) 1,4-Dichlorobenzene	11.836	146	20359	0.551	ug/L	91

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

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