Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU042224\
Data File : VU058771.D
Acq On : 22 Apr 2024 17:19
Operator : MD/SY
Sample : P2202-01 100X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0AM9

Quant Time: Apr 23 00:10:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR042224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Apr 22 23:57:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	97308	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	91233	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	39491	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	36623	4.785	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 95.600%			
7) Chloroethane-d5	1.904	69	26661	4.623	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.400%			
11) 1,1-Dichloroethene-d2	2.557	65	18757	4.867	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 97.400%			
20) 2-Butanone-d5	4.621	46	66925	49.767	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 99.540%			
24) Chloroform-d	5.052	84	75473	4.823	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.400%			
26) 1,2-Dichloroethane-d4	5.692	65	38243	5.042	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.800%			
32) Benzene-d6	5.717	84	144808	4.987	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.800%			
36) 1,2-Dichloropropane-d6	6.679	67	43904	5.069	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.400%			
41) Toluene-d8	7.891	98	128339	4.938	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.800%			
43) trans-1,3-Dichloroprop...	8.174	79	15078	4.781	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 95.600%			
46) 2-Hexanone-d5	8.627	63	44718	47.855	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.700%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	26468	5.017	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 100.400%			
66) 1,2-Dichlorobenzene-d4	12.187	152	37631	5.467	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.400%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.570	96	9101	1.284	ug/L #	1
16) Methylene chloride	3.033	84	124914	16.380	ug/L	97
22) cis-1,2-Dichloroethene	4.656	96	12633	1.620	ug/L	93
25) Chloroform	5.078	83	12644	0.809	ug/L	90
34) Trichloroethene	6.531	95	1055159	122.852	ug/L	99
42) Toluene	7.965	91	3836	0.118	ug/L	98
47) Tetrachloroethene	8.547	164	17636	2.926	ug/L	98
52) Ethylbenzene	9.566	91	12983	0.361	ug/L	92
53) m,p-Xylene	9.688	106	14393	1.089	ug/L	94
54) o-Xylene	10.097	106	10141	0.809	ug/L	88
62) 1,3,5-Trimethylbenzene	11.087	105	1885	0.072	ug/L	98
63) 1,2,4-Trimethylbenzene	11.466	105	4498	0.182	ug/L	94
67) 1,2-Dichlorobenzene	12.206	146	1748	0.150	ug/L #	82

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

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