Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU031124\
Data File : VU058041.D
Acq On : 11 Mar 2024 14:28
Operator : MD/SY
Sample : P1715-06
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGQN6

Quant Time: Mar 12 03:09:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR022924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Mar 12 03:05:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	173778	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	160155	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	75943	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	47029	3.761	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 75.200%			
7) Chloroethane-d5	1.908	69	44118	4.293	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 85.800%			
11) 1,1-Dichloroethene-d2	2.560	65	22152	4.094	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.800%			
20) 2-Butanone-d5	4.608	46	110563	53.669	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 107.340%			
24) Chloroform-d	5.052	84	109157	4.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	5.692	65	52513	4.901	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.000%			
32) Benzene-d6	5.718	84	211986	4.542	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 90.800%			
36) 1,2-Dichloropropane-d6	6.682	67	68901	4.856	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.891	98	188130	4.449	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.000%			
43) trans-1,3-Dichloroprop...	8.174	79	21551	4.417	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.400%			
46) 2-Hexanone-d5	8.624	63	96185	58.716	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 117.440%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	46003	5.287	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.800%			
66) 1,2-Dichlorobenzene-d4	12.190	152	61138	4.888	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 97.800%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	10162	0.767	ug/L	95
12) 1,1-Dichloroethene	2.573	96	4562	0.435	ug/L #	1
13) Acetone	2.615	43	8700	5.675	ug/L	99
18) trans-1,2-Dichloroethene	3.348	96	9943	0.871	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	375083	29.854	ug/L	97
25) Chloroform	5.075	83	11298	0.486	ug/L	97
33) Benzene	5.769	78	6586	0.134	ug/L	100
34) Trichloroethene	6.531	95	804317	62.202	ug/L	97
47) Tetrachloroethene	8.550	164	4076470	454.397	ug/L	95

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

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