Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040524\
Data File : VU058408.D
Acq On : 05 Apr 2024 10:32
Operator : MD/SY
Sample : P1925-14 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
PMW-8D(20240327)

Quant Time: Apr 05 23:33:52 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 05 23:33:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	87751	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	83208	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	36616	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	25871	4.453	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 89.000%			
7) Chloroethane-d5	1.911	69	23901	4.734	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.563	65	12226	4.649	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.000%			
20) 2-Butanone-d5	4.634	46	59419	48.532	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 97.060%			
24) Chloroform-d	5.055	84	53538	4.616	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.400%			
26) 1,2-Dichloroethane-d4	5.695	65	27118	5.010	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 100.200%			
32) Benzene-d6	5.721	84	106889	4.771	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 95.400%			
36) 1,2-Dichloropropane-d6	6.682	67	34110	4.855	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.200%			
41) Toluene-d8	7.891	98	90214	4.541	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.800%			
43) trans-1,3-Dichloroprop...	8.174	79	9361	4.293	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.800%			
46) 2-Hexanone-d5	8.631	63	38948	43.302	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.600%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	21287	4.292	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	28262	4.583	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	4520	0.506	ug/L	93
12) 1,1-Dichloroethene	2.576	96	1073	0.173	ug/L #	1
16) Methylene chloride	3.039	84	2366	0.287	ug/L	91
18) trans-1,2-Dichloroethene	3.351	96	2784	0.427	ug/L	95
19) 1,1-Dichloroethane	3.859	63	21782	1.531	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	64935	8.872	ug/L	100
27) 1,2-Dichloroethane	5.795	62	4932	0.588	ug/L	99
33) Benzene	5.772	78	6981	0.231	ug/L	100
51) Chlorobenzene	9.441	112	4788	0.250	ug/L	95
64) 1,3-Dichlorobenzene	11.743	146	4194	0.322	ug/L	84
65) 1,4-Dichlorobenzene	11.830	146	21874	1.724	ug/L	98
70) 1,2,4-trichlorobenzene	13.852	180	1572	0.212	ug/L #	83

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

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