Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU100223\
Data File : VU055622.D
Acq On : 02 Oct 2023 22:59
Operator : MD/SY
Sample : 04679-25
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 31 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
MW-2(20230928)

Quant Time: Oct 03 06:24:42 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Oct 03 06:03:59 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.248	114	159516	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.415	117	163650	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.811	152	80528	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.599	65	60312	3.741	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.800%			
7) Chloroethane-d5	1.914	69	59223	4.168	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.567	65	23540	3.547	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 71.000%			
20) 2-Butanone-d5	4.637	46	164440	56.469	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 112.940%			
24) Chloroform-d	5.062	84	133081	4.564	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.200%			
26) 1,2-Dichloroethane-d4	5.702	65	65859	4.695	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 94.000%			
32) Benzene-d6	5.724	84	247175	4.318	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.400%			
36) 1,2-Dichloropropane-d6	6.689	67	79916	4.673	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 93.400%			
41) Toluene-d8	7.898	98	201406	3.860	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.200%			
43) trans-1,3-Dichloroprop...	8.177	79	27107	4.516	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 90.400%			
46) 2-Hexanone-d5	8.634	63	83874	45.943	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 91.880%			
56) 1,1,2,2-Tetrachloroeth...	10.753	84	62243	4.856	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 97.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	73470	4.520	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 90.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.605	62	8035	0.545	ug/L	91
16) Methylene chloride	3.046	84	4687	0.351	ug/L	90
18) trans-1,2-Dichloroethene	3.351	96	6818	0.607	ug/L	95
19) 1,1-Dichloroethane	3.866	63	33192	1.597	ug/L	96
22) cis-1,2-Dichloroethene	4.663	96	478881	36.744	ug/L	98
27) 1,2-Dichloroethane	5.795	62	11156	0.826	ug/L #	93
51) Chlorobenzene	9.447	112	12701	0.395	ug/L	96
64) 1,3-Dichlorobenzene	11.746	146	6622	0.298	ug/L	94
65) 1,4-Dichlorobenzene	11.836	146	6267	0.282	ug/L	93
67) 1,2-Dichlorobenzene	12.216	146	4022	0.197	ug/L #	91
70) 1,2,4-trichlorobenzene	13.843	180	13372	1.146	ug/L	98

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

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