Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121623\
Data File : VU056954.D
Acq On : 17 Dec 2023 04:17
Operator : MD/SY
Sample : 05811-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F7B34

Quant Time: Dec 18 00:36:40 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR121123WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Mon Dec 18 00:34:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.245	114	265827	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	274198	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	119725	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	60507	2.655	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 53.200%			
7) Chloroethane-d5	1.911	69	57795	3.390	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.800%			
11) 1,1-Dichloroethene-d2	2.563	65	26880	2.757	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 55.200%#			
20) 2-Butanone-d5	4.634	46	174706	38.825	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 77.640%			
24) Chloroform-d	5.058	84	146970	3.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 68.200%#			
26) 1,2-Dichloroethane-d4	5.695	65	72589	3.555	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.200%			
32) Benzene-d6	5.721	84	264725	3.113	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 62.200%#			
36) 1,2-Dichloropropane-d6	6.685	67	86958	3.267	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 65.400%			
41) Toluene-d8	7.894	98	203170	2.673	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 53.400%#			
43) trans-1,3-Dichloroprop...	8.177	79	26985	2.614	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 52.200%#			
46) 2-Hexanone-d5	8.631	63	127643	32.783	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 65.560%			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	69705	3.619	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 72.400%			
66) 1,2-Dichlorobenzene-d4	12.190	152	74477	3.165	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 63.200%#			
Target Compounds						Qvalue
3) Chloromethane	1.515	50	3937	0.144	ug/L #	78
19) 1,1-Dichloroethane	3.862	63	67122	1.595	ug/L	96
22) cis-1,2-Dichloroethene	4.656	96	14524	0.610	ug/L	99
27) 1,2-Dichloroethane	5.795	62	10771	0.413	ug/L #	94
33) Benzene	5.769	78	65087	0.675	ug/L	100
51) Chlorobenzene	9.441	112	381685	6.006	ug/L	99
64) 1,3-Dichlorobenzene	11.743	146	50221	1.122	ug/L	99
65) 1,4-Dichlorobenzene	11.830	146	162876	3.697	ug/L	97
67) 1,2-Dichlorobenzene	12.206	146	53350	1.309	ug/L	96

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

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