Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061944.D
Acq On : 22 Nov 2024 02:53
Operator : MD/SY
Sample : P4904-03
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 39 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG413

Quant Time: Nov 22 04:37:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Nov 22 00:07:48 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	150476	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	141864	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	63634	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	42853	5.806	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 116.200%			
7) Chloroethane-d5	1.904	69	32892	5.037	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.800%			
11) 1,1-Dichloroethene-d2	2.557	65	18826	6.384	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 127.600%#			
20) 2-Butanone-d5	4.612	46	94847	40.921	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.840%			
24) Chloroform-d	5.052	84	85289	4.736	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 94.800%			
26) 1,2-Dichloroethane-d4	5.692	65	42508	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.718	84	169661	6.138	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 122.800%			
36) 1,2-Dichloropropane-d6	6.679	67	56659	6.033	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 120.600%			
41) Toluene-d8	7.888	98	152932	6.634	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 132.600%#			
43) trans-1,3-Dichloroprop...	8.174	79	18221	5.241	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 104.800%			
46) 2-Hexanone-d5	8.621	63	65255	41.119	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.240%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	42264	4.503	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 90.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	50694	5.388	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.800%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.133	101	15769	0.894	ug/L	97
16) Methylene chloride	3.036	84	11521	0.951	ug/L	94
17) Methyl tert-butyl Ether	3.351	73	10045	0.388	ug/L	96
18) trans-1,2-Dichloroethene	3.348	96	9176	0.860	ug/L	96
22) cis-1,2-Dichloroethene	4.660	96	12378	1.031	ug/L	97
29) 1,1,1-Trichloroethane	5.306	97	13778	0.843	ug/L	97
34) Trichloroethene	6.531	95	96741	8.460	ug/L	99
42) Toluene	7.965	91	11067	0.246	ug/L	96
47) Tetrachloroethene	8.544	164	27869	3.351	ug/L	98
51) Chlorobenzene	9.441	112	5129	0.167	ug/L	92
53) m,p-Xylene	9.689	106	2063	0.109	ug/L	73

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

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