Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112124\
Data File : VU061943.D
Acq On : 22 Nov 2024 02:28
Operator : MD/SY
Sample : P4904-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG412

Quant Time: Nov 22 04:34:42 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	6.238	114	142853	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	137162	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	60990	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39720	5.668	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 113.400%			
7) Chloroethane-d5	1.904	69	29910	4.825	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 96.600%			
11) 1,1-Dichloroethene-d2	2.560	65	17744	6.338	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 126.800%#			
20) 2-Butanone-d5	4.611	46	88884	40.394	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 80.780%			
24) Chloroform-d	5.052	84	77799	4.551	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.000%			
26) 1,2-Dichloroethane-d4	5.692	65	40353	4.587	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.800%			
32) Benzene-d6	5.718	84	154795	5.792	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 115.800%			
36) 1,2-Dichloropropane-d6	6.679	67	50768	5.591	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 111.800%			
41) Toluene-d8	7.891	98	136894	6.142	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 122.800%			
43) trans-1,3-Dichloroprop...	8.174	79	16428	4.887	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 97.800%			
46) 2-Hexanone-d5	8.624	63	58328	38.014	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 76.020%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	38042	4.192	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 83.800%			
66) 1,2-Dichlorobenzene-d4	12.183	152	46098	5.112	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 102.200%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.132	101	333507	19.920	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.573	101	5712	0.554	ug/L	96
12) 1,1-Dichloroethene	2.573	96	2935	0.306	ug/L #	1
16) Methylene chloride	3.036	84	10318	0.897	ug/L	93
17) Methyl tert-butyl Ether	3.354	73	34133	1.390	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	6541	0.646	ug/L	96
19) 1,1-Dichloroethane	3.856	63	15382	0.780	ug/L	97
22) cis-1,2-Dichloroethene	4.653	96	10057	0.882	ug/L	90
29) 1,1,1-Trichloroethane	5.306	97	17177	1.086	ug/L	96
34) Trichloroethene	6.531	95	70332	6.362	ug/L	99
42) Toluene	7.965	91	10970	0.252	ug/L	96
47) Tetrachloroethene	8.544	164	29232	3.636	ug/L	99
51) Chlorobenzene	9.441	112	5748	0.193	ug/L	97
53) m,p-Xylene	9.688	106	2438	0.133	ug/L	87

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

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