Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU112224\
Data File : VU061997.D
Acq On : 23 Nov 2024 02:15
Operator : MD/SY
Sample : P4904-02
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 45 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BG412

Quant Time: Nov 23 03:18:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR112024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Nov 23 00:14:12 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	122823	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	115591	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	52033	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	27081	4.495	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 90.000%			
7) Chloroethane-d5	1.908	69	22248	4.174	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 83.400%			
11) 1,1-Dichloroethene-d2	2.560	65	13848	5.753	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 115.000%			
20) 2-Butanone-d5	4.621	46	62750	33.168	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 66.340%			
24) Chloroform-d	5.052	84	62056	4.222	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.400%			
26) 1,2-Dichloroethane-d4	5.695	65	32107	4.245	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.718	84	119539	5.308	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.200%			
36) 1,2-Dichloropropane-d6	6.682	67	37256	4.868	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.400%			
41) Toluene-d8	7.891	98	105320	5.607	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 112.200%			
43) trans-1,3-Dichloroprop...	8.174	79	13146	4.640	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 92.800%			
46) 2-Hexanone-d5	8.627	63	43527	33.661	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 67.320%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	28899	3.779	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 75.600%			
66) 1,2-Dichlorobenzene-d4	12.187	152	35670	4.636	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.800%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.136	101	262725	18.252	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.576	101	4478	0.506	ug/L	95
12) 1,1-Dichloroethene	2.573	96	2035	0.247	ug/L #	1
16) Methylene chloride	3.039	84	10022	1.013	ug/L	91
17) Methyl tert-butyl Ether	3.354	73	28971	1.372	ug/L	97
18) trans-1,2-Dichloroethene	3.348	96	5131	0.589	ug/L	97
19) 1,1-Dichloroethane	3.862	63	11562	0.682	ug/L	94
22) cis-1,2-Dichloroethene	4.653	96	7665	0.782	ug/L	94
25) Chloroform	5.075	83	3357	0.189	ug/L	95
29) 1,1,1-Trichloroethane	5.306	97	14805	1.111	ug/L	96
34) Trichloroethene	6.534	95	52932	5.681	ug/L	98
42) Toluene	7.962	91	9743	0.266	ug/L	95
47) Tetrachloroethene	8.547	164	22931	3.384	ug/L	95
51) Chlorobenzene	9.441	112	4274	0.170	ug/L	88
53) m,p-Xylene	9.689	106	1869	0.121	ug/L	83

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

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