Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122024\
Data File : VU062536.D
Acq On : 20 Dec 2024 19:56
Operator : MD/SY
Sample : P5345-16
Misc : 25mL/MSVOA_U/WATER
ALS Vial : 27 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0CP6

Quant Time: Dec 20 22:38:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR120924WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 20 22:32:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.239	114	98078	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	92982	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	44375	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	33067	4.998	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 100.000%			
7) Chloroethane-d5	1.908	69	18135	3.854	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 77.000%			
11) 1,1-Dichloroethene-d2	2.560	65	12269	3.898	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 78.000%			
20) 2-Butanone-d5	4.624	46	46635	36.783	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 73.560%			
24) Chloroform-d	5.052	84	61191	4.274	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.400%			
26) 1,2-Dichloroethane-d4	5.692	65	33608	4.774	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.400%			
32) Benzene-d6	5.718	84	105364	3.934	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 78.600%			
36) 1,2-Dichloropropane-d6	6.679	67	30124	3.931	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.600%			
41) Toluene-d8	7.891	98	99121	3.918	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.400%			
43) trans-1,3-Dichloroprop...	8.174	79	13394	3.971	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 79.400%			
46) 2-Hexanone-d5	8.627	63	35597	34.984	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 69.960%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	22985	3.855	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 77.000%			
66) 1,2-Dichlorobenzene-d4	12.184	152	36426	4.455	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	1293933	172.579	ug/L	100
12) 1,1-Dichloroethene	2.570	96	1267	0.191	ug/L #	1
14) Carbon disulfide	2.785	76	6358	0.304	ug/L	97
17) Methyl tert-butyl Ether	3.358	73	5846	0.354	ug/L #	77
18) trans-1,2-Dichloroethene	3.348	96	5819	0.855	ug/L	90
22) cis-1,2-Dichloroethene	4.657	96	25704	3.370	ug/L	90
34) Trichloroethene	6.534	95	42897	5.256	ug/L	95
47) Tetrachloroethene	8.547	164	11769	1.867	ug/L	97
53) m,p-Xylene	9.689	106	1566	0.122	ug/L	88
54) o-Xylene	10.097	106	1734	0.139	ug/L	97
63) 1,2,4-Trimethylbenzene	11.463	105	2522	0.095	ug/L	96

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

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