Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU091924\
Data File : VU060921.D
Acq On : 20 Sep 2024 03:01
Operator : MD/SY
Sample : P3987-10
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 38 Sample Multiplier: 1

Quant Time: Sep 20 05:57:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR091624WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:34:14 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BH8Q0

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/23/2024
Supervised By :Semsettin Yesilyurt 09/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.342	114	124715	5.000	ug/L	0.10
28) Chlorobenzene-d5	9.435	117	145267	5.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.811	152	62930	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.638	65	36293	3.235	ug/L	0.04
Spiked Amount 5.000	Range 40 - 130		Recovery = 64.800%			
7) Chloroethane-d5	1.991	69	33585	4.205	ug/L	0.08
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.200%			
11) 1,1-Dichloroethene-d2	2.644	65	16288	4.097	ug/L	0.08
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.000%			
20) 2-Butanone-d5	4.798	46	96091	53.361	ug/L	0.16
Spiked Amount 50.000	Range 40 - 130		Recovery = 106.720%			
24) Chloroform-d	5.133	84	94083	5.486	ug/L	0.08
Spiked Amount 5.000	Range 70 - 125		Recovery = 109.800%			
26) 1,2-Dichloroethane-d4	5.811	65	38988	4.757	ug/L	0.12
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.200%			
32) Benzene-d6	5.827	84	130543	3.353	ug/L	0.11
Spiked Amount 5.000	Range 70 - 125		Recovery = 67.000%#			
36) 1,2-Dichloropropane-d6	6.769	67	43568	3.617	ug/L	0.09
Spiked Amount 5.000	Range 60 - 140		Recovery = 72.400%			
41) Toluene-d8	7.940	98	99670	2.808	ug/L	0.05
Spiked Amount 5.000	Range 70 - 130		Recovery = 56.200%#			
43) trans-1,3-Dichloroprop...	8.216	79	14945	3.446	ug/L	0.04
Spiked Amount 5.000	Range 55 - 130		Recovery = 69.000%			
46) 2-Hexanone-d5	8.666	63	74392	43.490	ug/L	0.04
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.980%			
56) 1,1,2,2-Tetrachloroeth...	10.756	84	39735	4.210	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 84.200%			
66) 1,2-Dichlorobenzene-d4	12.190	152	48938	4.628	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 92.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.644	62	86394	8.027	ug/L	97
12) 1,1-Dichloroethene	2.660	96	139945	17.839	ug/L #	70
13) Acetone	2.863	43	21699m	18.062	ug/L	
18) trans-1,2-Dichloroethene	3.448	96	29958	3.685	ug/L	99
19) 1,1-Dichloroethane	3.969	63	74665	4.575	ug/L	97
21) 2-Butanone	4.872	43	125619	64.233	ug/L	96
22) cis-1,2-Dichloroethene	4.740	96	380668	42.312	ug/L	96
34) Trichloroethene	6.621	95	108489	10.361	ug/L	91

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

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