Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122321\
Data File : VU046587.D
Acq On : 23 Dec 2021 23:49
Operator : SY/MD
Sample : M5170-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Quant Time: Dec 24 05:00:31 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Dec 24 04:54:59 2021
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
H0AO5

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Semsettin Yesilyurt 01/02/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.272	114	77805	5.000	ug/L	0.02
28) Chlorobenzene-d5	9.423	117	78480	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	40692	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	19416	3.168	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.400%			
7) Chloroethane-d5	1.925	69	16596	3.439	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 68.800%			
11) 1,1-Dichloroethene-d2	2.575	65	8375	3.241	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.800%			
20) 2-Butanone-d5	4.761	46	66159	37.217	ug/L	0.11
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.440%			
24) Chloroform-d	5.083	84	46389	4.131	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.600%			
26) 1,2-Dichloroethane-d4	5.735	65	27029	4.210	ug/L	0.03
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.200%			
32) Benzene-d6	5.751	84	82868	3.788	ug/L	0.02
Spiked Amount 5.000	Range 70 - 125		Recovery = 75.800%			
36) 1,2-Dichloropropane-d6	6.713	67	27476	4.180	ug/L	0.02
Spiked Amount 5.000	Range 60 - 140		Recovery = 83.600%			
41) Toluene-d8	7.909	98	70405	3.546	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 71.000%			
43) trans-1,3-Dichloroprop...	8.192	79	11233	3.695	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 73.800%			
46) 2-Hexanone-d5	8.655	63	77696	43.525	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 87.060%			
56) 1,1,2,2-Tetrachloroeth...	10.761	84	29119	4.316	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 86.400%			
66) 1,2-Dichlorobenzene-d4	12.195	152	33344	4.448	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 89.000%			
Target Compounds						Qvalue
13) Acetone	2.813	43	18998m	11.399	ug/L	
21) 2-Butanone	4.838	43	7625m	3.015	ug/L	
33) Benzene	5.800	78	7314m	0.235	ug/L	
40) 4-Methyl-2-pentanone	7.819	43	18994	3.181	ug/L	99
42) Toluene	7.980	91	17602	0.550	ug/L	92
52) Ethylbenzene	9.574	91	8503	0.257	ug/L	99
53) m,p-Xylene	9.700	106	8028	0.633	ug/L	97
54) o-Xylene	10.105	106	2320	0.190	ug/L	97
62) 1,3,5-Trimethylbenzene	11.089	105	4794	0.184	ug/L	100
63) 1,2,4-Trimethylbenzene	11.468	105	29544	1.124	ug/L	100

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

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