Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046542.D
Acq On : 21 Dec 2021 22:57
Operator : SY/MD
Sample : M5170-02
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0AN7

Manual Integrations APPROVED

Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 22 05:48:29 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 21 14:35:13 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	84149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	43004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31362	4.732	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery = 94.600%			
7) Chloroethane-d5	1.922	69	24678	4.728	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.600%			
11) 1,1-Dichloroethene-d2	2.575	65	13083	4.681	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 93.600%			
20) 2-Butanone-d5	4.665	46	99027	51.507	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 103.020%			
24) Chloroform-d	5.070	84	55606	4.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 91.600%			
26) 1,2-Dichloroethane-d4	5.707	65	34665	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.800%			
32) Benzene-d6	5.732	84	112696	4.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.800%			
36) 1,2-Dichloropropane-d6	6.694	67	33200	4.846	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.000%			
41) Toluene-d8	7.900	98	100091	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 96.800%			
43) trans-1,3-Dichloroprop...	8.182	79	14914	4.707	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 94.200%			
46) 2-Hexanone-d5	8.636	63	97355	52.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 104.680%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33541	4.770	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 95.400%			
66) 1,2-Dichlorobenzene-d4	12.192	152	40030	5.053	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 101.000%			
Target Compounds						Qvalue
13) Acetone	2.694	43	26775m	14.854	ug/L	
21) 2-Butanone	4.739	43	12418m	4.541	ug/L	
33) Benzene	5.774	78	5923	0.182	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	20657	3.320	ug/L	98
42) Toluene	7.970	91	24310	0.729	ug/L	99
52) Ethylbenzene	9.572	91	16705	0.484	ug/L	99
53) m,p-Xylene	9.694	106	15784	1.193	ug/L	88
54) o-Xylene	10.102	106	4315	0.340	ug/L	88
62) 1,3,5-Trimethylbenzene	11.089	105	13205	0.479	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	79241	2.853	ug/L	99

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

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