Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041423\
Data File : VU053700.D
Acq On : 13 Apr 2023 22:39
Operator : JC/MD
Sample : 02254-14
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Quant Time: Apr 14 02:28:23 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR032423WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Apr 14 02:17:15 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
C0AC5

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
Supervised By :Mahesh Dadoda 04/18/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	140409	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.414	117	134490	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.809	152	68536	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	51901	5.373	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 107.400%			
7) Chloroethane-d5	1.909	69	40378	4.606	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 92.200%			
11) 1,1-Dichloroethene-d2	2.562	65	23943	5.819	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 116.400%			
20) 2-Butanone-d5	4.623	46	82100	37.102	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.200%			
24) Chloroform-d	5.060	84	78894	4.406	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 88.200%			
26) 1,2-Dichloroethane-d4	5.700	65	36215	3.946	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.000%			
32) Benzene-d6	5.726	84	151310	3.970	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 79.400%			
36) 1,2-Dichloropropane-d6	6.687	67	46957	4.043	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.800%			
41) Toluene-d8	7.893	98	142447	3.962	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.200%			
43) trans-1,3-Dichloroprop...	8.176	79	19076	4.280	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 85.600%			
46) 2-Hexanone-d5	8.629	63	73919	40.833	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 81.660%			
56) 1,1,2,2-Tetrachloroeth...	10.751	84	39167	4.052	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.000%			
66) 1,2-Dichlorobenzene-d4	12.189	152	51912	4.210	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.601	62	73464	6.427	ug/L #	1
8) Chloroethane	1.928	64	36780	5.536	ug/L #	69
12) 1,1-Dichloroethene	2.562	96	28031056m	3526.064	ug/L	
14) Carbon disulfide	2.793	76	20850	0.894	ug/L	98
15) Methyl Acetate	2.957	43	2168	0.704	ug/L	95
16) Methylene chloride	3.044	84	7152	0.685	ug/L	91
19) 1,1-Dichloroethane	3.867	63	23227802	1526.984	ug/L	95
21) 2-Butanone	4.713	43	6181m	3.031	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	6578m	0.591	ug/L	
25) Chloroform	5.089	83	60944	3.895	ug/L	100
27) 1,2-Dichloroethane	5.793	62	77842	7.942	ug/L #	94
29) 1,1,1-Trichloroethane	5.305	97	45237053m	3407.049	ug/L	
33) Benzene	5.771	78	4469	0.124	ug/L	100
34) Trichloroethene	6.539	95	1039716	108.346	ug/L	94
42) Toluene	7.967	91	8585	0.218	ug/L	90
45) 1,1,2-Trichloroethane	8.398	97	6341	0.939	ug/L #	84
47) Tetrachloroethene	8.549	164	23807	3.376	ug/L	91

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

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