Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122723\
Data File : VU057301.D
Acq On : 28 Dec 2023 00:42
Operator : MD/SY
Sample : 06021-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Dec 28 01:50:44 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122723WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 28 00:43:53 2023
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
BH7Z1

Manual Integrations APPROVED

Reviewed By :John Carlone 12/29/2023
Supervised By :Mahesh Dadoda 12/29/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	247146	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	246761	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.808	152	101470	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.596	65	111663	5.256	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 105.200%			
7) Chloroethane-d5	1.911	69	93200	5.461	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 109.200%			
11) 1,1-Dichloroethene-d2	2.560	65	45878	5.425	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 108.600%			
20) 2-Butanone-d5	4.638	46	281769	58.553	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.100%			
24) Chloroform-d	5.056	84	197886	5.237	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.800%			
26) 1,2-Dichloroethane-d4	5.695	65	105407	5.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.200%			
32) Benzene-d6	5.721	84	368043	5.232	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
36) 1,2-Dichloropropane-d6	6.682	67	124149	5.632	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 112.600%			
41) Toluene-d8	7.891	98	300335	4.949	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 99.000%			
43) trans-1,3-Dichloroprop...	8.178	79	45937	5.194	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 103.800%			
46) 2-Hexanone-d5	8.631	63	218748	54.609	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 109.220%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	101688	5.493	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 109.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	104598	5.661	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 113.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	64994	3.150	ug/L	96
12) 1,1-Dichloroethene	2.570	96	6207	0.384	ug/L #	1
13) Acetone	2.660	43	17334m	5.527	ug/L	
14) Carbon disulfide	2.785	76	9606	0.209	ug/L #	94
19) 1,1-Dichloroethane	3.866	63	21845	0.649	ug/L #	90
22) cis-1,2-Dichloroethene	4.657	96	75288	4.063	ug/L	96
29) 1,1,1-Trichloroethane	5.309	97	192423	6.157	ug/L	99
34) Trichloroethene	6.535	95	1124530	59.363	ug/L	98
42) Toluene	7.965	91	19433	0.254	ug/L	97

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

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