Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU040824\
Data File : VU058493.D
Acq On : 09 Apr 2024 01:15
Operator : MD/SY
Sample : P2013-13
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Quant Time: Apr 09 05:53:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR040424WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Apr 09 05:30:00 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E0MB9

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 04/10/2024
Supervised By :Semsettin Yesilyurt 04/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	75360	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	71507	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	31737	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.592	65	118905	23.832	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 476.600%#			
7) Chloroethane-d5	1.904	69	14961	3.450	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 69.000%			
11) 1,1-Dichloroethene-d2	2.557	65	6533	2.893	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.800%#			
20) 2-Butanone-d5	4.657	46	91851	87.357	ug/L	0.03
Spiked Amount 50.000	Range 40 - 130		Recovery = 174.720%#			
24) Chloroform-d	5.052	84	41470	4.164	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.200%			
26) 1,2-Dichloroethane-d4	5.695	65	21290	4.580	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.600%			
32) Benzene-d6	5.718	84	73322	3.809	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.200%			
36) 1,2-Dichloropropane-d6	6.682	67	26571	4.401	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 88.000%			
41) Toluene-d8	7.891	98	59054	3.459	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.200%#			
43) trans-1,3-Dichloroprop...	8.174	79	7848	4.188	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.800%			
46) 2-Hexanone-d5	8.628	63	40927	52.948	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 105.900%			
56) 1,1,2,2-Tetrachloroeth...	10.750	84	19993	4.691	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 93.800%			
66) 1,2-Dichlorobenzene-d4	12.187	152	22600	4.228	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 84.600%			
Target Compounds						Qvalue
5) Vinyl chloride	1.589	62	11760997	1531.892	ug/L	90
12) 1,1-Dichloroethene	2.573	96	53309	9.982	ug/L #	83
17) Methyl tert-butyl Ether	3.354	73	4421	0.350	ug/L #	88
18) trans-1,2-Dichloroethene	3.342	96	203246	36.310	ug/L	97
22) cis-1,2-Dichloroethene	4.644	96	27869172m	4433.606	ug/L	
34) Trichloroethene	6.534	95	60187	9.212	ug/L	96
47) Tetrachloroethene	8.544	164	68736	14.350	ug/L	97

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

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