Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062924\
Data File : VU059629.D
Acq On : 28 Jun 2024 18:41
Operator : MD/SY
Sample : P3059-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Jun 28 23:59:26 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061724WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Jun 28 23:55:24 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E1GM9

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/01/2024
Supervised By :Semsettin Yesilyurt 07/01/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.242	114	136524	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.412	117	143663	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.807	152	64106	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.595	65	39028	4.111	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 82.200%			
7) Chloroethane-d5	1.907	69	40056	4.385	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.800%			
11) 1,1-Dichloroethene-d2	2.560	65	16794	4.264	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 85.200%			
20) 2-Butanone-d5	4.618	46	126126	64.499	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 129.000%			
24) Chloroform-d	5.055	84	94528	4.851	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
26) 1,2-Dichloroethane-d4	5.695	65	48212	5.136	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.800%			
32) Benzene-d6	5.721	84	191851	4.852	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 97.000%			
36) 1,2-Dichloropropane-d6	6.685	67	61588	5.083	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 101.600%			
41) Toluene-d8	7.894	98	161581	4.396	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 88.000%			
43) trans-1,3-Dichloroprop...	8.177	79	19367	5.105	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 102.000%			
46) 2-Hexanone-d5	8.627	63	107861	68.426	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 136.860%#			
56) 1,1,2,2-Tetrachloroeth...	10.749	84	55181	5.512	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 110.200%			
66) 1,2-Dichlorobenzene-d4	12.187	152	61162	5.360	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.200%			
Target Compounds						Qvalue
5) Vinyl chloride	1.599	62	5089	0.370	ug/L #	72
12) 1,1-Dichloroethene	2.576	96	5101	0.527	ug/L #	1
13) Acetone	2.628	43	54401m	42.887	ug/L	
18) trans-1,2-Dichloroethene	3.345	96	161734	16.061	ug/L	90
19) 1,1-Dichloroethane	3.859	63	82473	4.441	ug/L	98
22) cis-1,2-Dichloroethene	4.656	96	213816	19.264	ug/L	94
34) Trichloroethene	6.534	95	1654171	140.007	ug/L	99
37) 1,2-Dichloropropane	6.785	63	13392	1.186	ug/L #	97
47) Tetrachloroethene	8.547	164	546668	59.627	ug/L	96

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

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