Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU101124\
Data File : VU061115.D
Acq On : 11 Oct 2024 13:49
Operator : MD/SY
Sample : P4380-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Oct 14 04:19:01 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR100124WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 11 06:46:55 2024
Response via : Initial Calibration

Instrument :
MSVOA_U
ClientSampleId :
E27G8

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/14/2024
Supervised By :Semsettin Yesilyurt 10/14/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.238	114	158219	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.409	117	148372	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.804	152	73370	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.589	65	38103	3.368	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 67.400%			
7) Chloroethane-d5	1.901	69	33618	3.970	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 79.400%			
11) 1,1-Dichloroethene-d2	2.554	65	18323	3.672	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 73.400%			
20) 2-Butanone-d5	4.682	46	116338	42.935	ug/L	0.06
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.880%			
24) Chloroform-d	5.052	84	84931	4.260	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 85.200%			
26) 1,2-Dichloroethane-d4	5.695	65	44840	4.243	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 84.800%			
32) Benzene-d6	5.714	84	165946	4.242	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 84.800%			
36) 1,2-Dichloropropane-d6	6.682	67	55867	4.348	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 87.000%			
41) Toluene-d8	7.888	98	150938	4.128	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.600%			
43) trans-1,3-Dichloroprop...	8.174	79	21597	3.931	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 78.600%			
46) 2-Hexanone-d5	8.634	63	105453	46.378	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 92.760%			
56) 1,1,2,2-Tetrachloroeth...	10.746	84	41764	4.433	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.600%			
66) 1,2-Dichlorobenzene-d4	12.183	152	53546	4.564	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.200%			
Target Compounds						Qvalue
3) Chloromethane	1.512	50	1876	0.168	ug/L	99
13) Acetone	2.743	43	44776m	25.695	ug/L	
14) Carbon disulfide	2.779	76	3558	0.115	ug/L #	84
21) 2-Butanone	4.766	43	16780m	5.849	ug/L	
22) cis-1,2-Dichloroethene	4.656	96	1489	0.133	ug/L	86
33) Benzene	5.762	78	11097	0.254	ug/L	100
35) Methylcyclohexane	6.750	83	1374	0.072	ug/L	95
42) Toluene	7.962	91	24073	0.517	ug/L	98
52) Ethylbenzene	9.563	91	8638	0.164	ug/L	96
53) m,p-Xylene	9.685	106	4640	0.241	ug/L	87
54) o-Xylene	10.097	106	5295	0.279	ug/L	95
62) 1,3,5-Trimethylbenzene	11.081	105	20422	0.472	ug/L	97
63) 1,2,4-Trimethylbenzene	11.460	105	10767	0.247	ug/L	91
70) 1,2,4-trichlorobenzene	13.836	180	5636	0.497	ug/L	95
72) 1,2,3-Trichlorobenzene	14.325	180	5071	0.537	ug/L #	90

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

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