Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV101723\
Data File : VV032441.D
Acq On : 17 Oct 2023 13:29
Operator : SY/MD
Sample : 04903-15
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Oct 18 06:03:50 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 18 06:02:40 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AF8

Manual Integrations APPROVED

Reviewed By :John Carlone 10/18/2023
Supervised By :Semsettin Yesilyurt 10/20/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	99729	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	108587	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	49925	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33892	4.179	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 83.600%			
7) Chloroethane-d5	1.532	69	30811	4.680	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 93.600%			
11) 1,1-Dichloroethene-d2	2.059	65	14037	4.104	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery = 82.000%			
20) 2-Butanone-d5	3.818	46	76465	37.268	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery = 74.540%			
24) Chloroform-d	4.256	84	70936	4.958	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.200%			
26) 1,2-Dichloroethane-d4	4.947	65	33038	4.875	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 97.400%			
32) Benzene-d6	4.963	84	121997	3.818	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 76.400%			
36) 1,2-Dichloropropane-d6	5.992	67	41568	3.927	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.600%			
41) Toluene-d8	7.246	98	109442	3.746	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 75.000%			
43) trans-1,3-Dichloroprop...	7.561	79	15356	4.094	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.800%			
46) 2-Hexanone-d5	8.030	63	78706	44.593	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 89.180%			
56) 1,1,2,2-Tetrachloroeth...	10.159	84	36376	4.913	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 98.200%			
66) 1,2-Dichlorobenzene-d4	11.564	152	43749	4.722	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 94.400%			
Target Compounds						Qvalue
13) Acetone	2.146	43	9630m	6.090	ug/L	
17) Methyl tert-butyl Ether	2.712	73	3537	0.178	ug/L #	81
25) Chloroform	4.281	83	84661	5.475	ug/L	98
38) Bromodichloromethane	6.436	83	65898	5.424	ug/L	98
49) Dibromochloromethane	8.181	129	41355	5.507	ug/L	97
52) Ethylbenzene	8.956	91	3443	0.076	ug/L	98
53) m,p-Xylene	9.085	106	2128	0.126	ug/L	99
54) o-Xylene	9.487	106	1129	0.070	ug/L	79
59) Bromoform	9.670	173	7228	1.991	ug/L #	96
63) 1,2,4-Trimethylbenzene	10.860	105	3962	0.126	ug/L	99

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

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