Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102423\
Data File : VV032597.D
Acq On : 24 Oct 2023 18:06
Operator : SY/MD
Sample : 04992-07
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Oct 25 05:55:59 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Wed Oct 25 05:52:45 2023
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
C0AJ5

Manual Integrations APPROVED

Reviewed By :John Carlone 10/25/2023
Supervised By :Mahesh Dadoda 10/26/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.538	114	71102	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	74988	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.204	152	36851	5.000	ug/L	# 0.02
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	22175	3.835	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 76.600%			
7) Chloroethane-d5	1.532	69	23581	5.024	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 100.400%			
11) 1,1-Dichloroethene-d2	2.056	65	8524	3.495	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.000%			
20) 2-Butanone-d5	3.818	46	96162	65.738	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 131.480%#			
24) Chloroform-d	4.252	84	53316m	5.226	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.600%			
26) 1,2-Dichloroethane-d4	4.947	65	28671	5.934	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 118.600%			
32) Benzene-d6	4.963	84	80898	3.666	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 73.400%			
36) 1,2-Dichloropropane-d6	5.992	67	29417	4.024	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 80.400%			
41) Toluene-d8	7.249	98	68284	3.384	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 67.600%#			
43) trans-1,3-Dichloroprop...	7.558	79	14259	5.504	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 110.000%			
46) 2-Hexanone-d5	8.030	63	94670	77.670	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 155.340%#			
56) 1,1,2,2-Tetrachloroeth...	10.185	84	153589	30.037	ug/L	0.03
Spiked Amount 5.000	Range 65 - 120		Recovery = 600.800%#			
66) 1,2-Dichlorobenzene-d4	11.577	152	39607	5.792	ug/L	0.01
Spiked Amount 5.000	Range 80 - 120		Recovery = 115.800%			
Target Compounds						Qvalue
13) Acetone	2.143	43	17269	15.317	ug/L	65
14) Carbon disulfide	2.243	76	2698	0.148	ug/L #	85
22) cis-1,2-Dichloroethene	3.818	96	2784	0.433	ug/L	91
30) Cyclohexane	4.587	56	6505	0.581	ug/L	95
33) Benzene	5.011	78	92707	3.511	ug/L	100
34) Trichloroethene	5.841	95	923	0.128	ug/L	92
35) Methylcyclohexane	6.053	83	93780	8.408	ug/L	98
52) Ethylbenzene	8.953	91	10535984	336.180	ug/L	96
53) m,p-Xylene	9.085	106	9867020	848.897	ug/L #	58
60) Isopropylbenzene	9.876	105	8715263	304.307	ug/L	98
62) 1,3,5-Trimethylbenzene	10.490	105	24843630m	1064.330	ug/L	
63) 1,2,4-Trimethylbenzene	10.860	105	24785178m	1066.546	ug/L	

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

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