Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV091924\
Data File : VV037393.D
Acq On : 19 Sep 2024 19:28
Operator : SY/MD
Sample : P3988-09DL 10X
Misc : 25mL/MSVOA_V/WATER
ALS Vial : 1 Sample Multiplier: 1

Quant Time: Sep 20 02:01:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR091024WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Sep 20 01:54:17 2024
Response via : Initial Calibration

Instrument :
MSVOA_V
ClientSampleId :
BH8R8DL

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 09/20/2024
Supervised By :Mahesh Dadoda 09/23/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	282475	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	282029	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	131050	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	67743	4.088	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 81.800%			
7) Chloroethane-d5	1.526	69	78711	4.555	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 91.200%			
11) 1,1-Dichloroethene-d2	2.047	65	35648	4.165	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 83.400%			
20) 2-Butanone-d5	3.809	46	290883	58.733	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 117.460%			
24) Chloroform-d	4.239	84	203065	5.047	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.000%			
26) 1,2-Dichloroethane-d4	4.937	65	99396	5.276	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 105.600%			
32) Benzene-d6	4.950	84	372818	4.930	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 98.600%			
36) 1,2-Dichloropropane-d6	5.982	67	126747	5.390	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 107.800%			
41) Toluene-d8	7.239	98	305835	4.489	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 89.800%			
43) trans-1,3-Dichloroprop...	7.561	79	31415	4.061	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 81.200%			
46) 2-Hexanone-d5	8.034	63	232360	61.483	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 122.960%			
56) 1,1,2,2-Tetrachloroeth...	10.152	84	111093	5.796	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 116.000%			
66) 1,2-Dichlorobenzene-d4	11.558	152	127333	5.465	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.400%			
Target Compounds						Qvalue
5) Vinyl chloride	1.278	62	36315	1.320	ug/L #	72
12) 1,1-Dichloroethene	2.056	96	54760	2.766	ug/L #	79
13) Acetone	2.133	43	25975	7.532	ug/L	99
15) Methyl Acetate	2.381	43	66821	8.460	ug/L	95
19) 1,1-Dichloroethane	3.104	63	70560	1.774	ug/L	99
21) 2-Butanone	3.924	43	53792m	10.263	ug/L	
22) cis-1,2-Dichloroethene	3.805	96	159478	7.083	ug/L	99
34) Trichloroethene	5.831	95	47590	2.078	ug/L	97

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

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