Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV011724\
Data File : VV033716.D
Acq On : 17 Jan 2024 13:43
Operator : SY/MD
Sample : P1121-06 10X
Misc : 25.0mL/MSVOA_V/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_V
ClientSampleId :
BH8K9

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 01/18/2024
Supervised By :Mahesh Dadoda 01/18/2024

Quant Time: Jan 18 00:05:28 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR011224WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Jan 18 00:02:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	109116	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	103103	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52791	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.281	65	18865	3.162	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.200%			
7) Chloroethane-d5	1.535	69	17876	3.378	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 67.600%			
11) 1,1-Dichloroethene-d2	2.063	65	9043	3.363	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.200%			
20) 2-Butanone-d5	3.802	46	54994	37.696	ug/L	-0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 75.400%			
24) Chloroform-d	4.252	84	47929	3.715	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 74.200%			
26) 1,2-Dichloroethane-d4	4.947	65	23185	4.007	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 80.200%			
32) Benzene-d6	4.963	84	87935	3.535	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 70.600%			
36) 1,2-Dichloropropane-d6	5.992	67	28604	3.449	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 69.000%			
41) Toluene-d8	7.246	98	77324	3.482	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 69.600%#			
43) trans-1,3-Dichloroprop...	7.561	79	9634	3.360	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 67.200%			
46) 2-Hexanone-d5	8.030	63	42580	37.823	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.640%			
56) 1,1,2,2-Tetrachloroeth...	10.156	84	19785	4.082	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.600%			
66) 1,2-Dichlorobenzene-d4	11.564	152	31592	3.898	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 78.000%#			
Target Compounds						Qvalue
5) Vinyl chloride	1.285	62	44456	3.917	ug/L #	1
12) 1,1-Dichloroethene	2.072	96	2840	0.369	ug/L #	1
13) Acetone	2.127	43	3900	3.293	ug/L	95
19) 1,1-Dichloroethane	3.117	63	10566	0.612	ug/L	93
21) 2-Butanone	3.908	43	13884m	8.446	ug/L	
22) cis-1,2-Dichloroethene	3.818	96	71702	7.881	ug/L	97

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

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