Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028390.D
Acq On : 25 Oct 2023 00:50
Operator : MA/JU
Sample : 04938-07
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
A-4(0-2)

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:34:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.871	152	4664	0.400	ng	0.00
7) Naphthalene-d8	10.682	136	15681	0.400	ng	#-0.02
13) Acenaphthene-d10	14.523	164	8365	0.400	ng	-0.01
19) Phenanthrene-d10	17.282	188	13366	0.400	ng	#-0.01
29) Chrysene-d12	21.480	240	14193	0.400	ng	# 0.00
35) Perylene-d12	23.931	264	16772	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	2206	0.152	ng	0.00
5) Phenol-d6	7.055	99	3139	0.176	ng	0.00
8) Nitrobenzene-d5	9.070	82	3112	0.224	ng	-0.03
11) 2-Methylnaphthalene-d10	12.272	152	3729	0.158	ng	-0.02
14) 2,4,6-Tribromophenol	16.028	330	600	0.147	ng	-0.04
15) 2-Fluorobiphenyl	13.144	172	4840	0.164	ng	-0.02
27) Fluoranthene-d10	19.319	212	4468	0.125	ng	0.00
31) Terphenyl-d14	19.909	244	6559	0.218	ng	0.00
Target Compounds						Qvalue
6) bis(2-Chloroethyl)ether	7.474	93	438	0.032	ng	# 1
9) Naphthalene	10.735	128	42912	1.055	ng	98
12) 2-Methylnaphthalene	12.343	142	10939	0.378	ng	# 89
16) Acenaphthylene	14.245	152	43293	1.152	ng	99
17) Acenaphthene	14.587	154	128035	5.406	ng	99
18) Fluorene	15.569	166	119137	3.821	ng	99
25) Phenanthrene	17.319	178	2187182	59.781	ng	100
26) Anthracene	17.418	178	441739	12.641	ng	# 94
28) Fluoranthene	19.356	202	3888718	84.604	ng	99
30) Pyrene	19.723	202	3440589	70.844	ng	98
32) Benzo(a)anthracene	21.471	228	1807775	35.854	ng	98
33) Chrysene	21.524	228	1688324	34.986	ng	96
34) Bis(2-ethylhexyl)phtha...	21.336	149	225439	5.853	ng	# 98
36) Indeno(1,2,3-cd)pyrene	26.504	276	1629359	24.096	ng	96
37) Benzo(b)fluoranthene	23.180	252	2612908	49.841	ng	# 89
38) Benzo(k)fluoranthene	23.221	252	1029983m	19.313	ng	
39) Benzo(a)pyrene	23.826	252	1933434m	37.074	ng	
40) Dibenzo(a,h)anthracene	26.510	278	366883	6.683	ng	97
41) Benzo(g,h,i)perylene	27.314	276	1721083	30.366	ng	95

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

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