Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN111424\
Data File : BN035089.D
Acq On : 14 Nov 2024 15:58
Operator : RC/JU
Sample : P3845-21DL 10X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Nov 14 16:42:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 17:18:14 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
RR-PAH-WPDL

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/15/2024
Supervised By :mohammad ahmed 11/15/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.546	152	2693	0.400	ng		0.00
7) Naphthalene-d8	10.308	136	7409	0.400	ng		#-0.01
13) Acenaphthene-d10	14.190	164	5720	0.400	ng		0.00
19) Phenanthrene-d10	16.933	188	13630	0.400	ng		# 0.00
29) Chrysene-d12	21.134	240	13954	0.400	ng		# 0.00
35) Perylene-d12	23.303	264	14576	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.177	112	258	0.038	ng		0.00
5) Phenol-d6	6.737	99	338	0.039	ng		0.00
8) Nitrobenzene-d5	8.685	82	268	0.042	ng		-0.01
11) 2-Methylnaphthalene-d10	11.912	152	552	0.042	ng		0.00
14) 2,4,6-Tribromophenol	15.691	330	71	0.017	ng		0.00
15) 2-Fluorobiphenyl	12.800	172	946	0.041	ng		0.00
27) Fluoranthene-d10	18.973	212	1669	0.040	ng		0.00
31) Terphenyl-d14	19.587	244	1542	0.053	ng		0.00
Target Compounds							Qvalue
9) Naphthalene	10.362	128	14392	0.744	ng		98
12) 2-Methylnaphthalene	11.984	142	3780	0.265	ng		98
16) Acenaphthylene	13.901	152	28587	1.169	ng		100
17) Acenaphthene	14.244	154	11790	0.736	ng		99
18) Fluorene	15.238	166	14034	0.596	ng		99
25) Phenanthrene	16.982	178	15712	0.438	ng		100
26) Anthracene	17.069	178	12661	0.384	ng		100
28) Fluoranthene	19.006	202	20332	0.412	ng		100
30) Pyrene	19.368	202	12127	0.261	ng		100
32) Benzo(a)anthracene	21.125	228	3504	0.072	ng		97
33) Chrysene	21.169	228	4895	0.102	ng		97
36) Indeno(1,2,3-cd)pyrene	25.458	276	21029	0.362	ng		99
37) Benzo(b)fluoranthene	22.660	252	18620	0.380	ng		99
38) Benzo(k)fluoranthene	22.701	252	10787m	0.220	ng		
39) Benzo(a)pyrene	23.209	252	8902	0.206	ng	#	91
40) Dibenzo(a,h)anthracene	25.469	278	16288	0.354	ng		98
41) Benzo(g,h,i)perylene	26.107	276	5368	0.110	ng	#	94

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

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