Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN112724\
Data File : BN035361.D
Acq On : 27 Nov 2024 22:44
Operator : RC/JU
Sample : PB165224BSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165224BSD

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 12/03/2024

Quant Time: Nov 28 00:30:58 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 27 23:03:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.308	152	2108	0.400	ng	0.00
7) Naphthalene-d8	10.052	136	4934	0.400	ng	0.00
13) Acenaphthene-d10	13.967	164	3223	0.400	ng	0.00
19) Phenanthrene-d10	16.723	188	8396	0.400	ng	#-0.01
29) Chrysene-d12	20.974	240	8135	0.400	ng	0.00
35) Perylene-d12	23.067	264	8489	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.968	112	1819	0.345	ng	0.00
5) Phenol-d6	6.513	99	2082	0.328	ng	0.00
8) Nitrobenzene-d5	8.440	82	1172m	0.389	ng	0.00
11) 2-Methylnaphthalene-d10	11.656	152	3920	0.508	ng	0.00
14) 2,4,6-Tribromophenol	15.475	330	561	0.245	ng	0.00
15) 2-Fluorobiphenyl	12.574	172	5123	0.420	ng	0.00
27) Fluoranthene-d10	18.785	212	9823	0.413	ng	0.00
31) Terphenyl-d14	19.412	244	7370	0.459	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.003	88	739	0.367	ng	# 68
3) n-Nitrosodimethylamine	3.292	42	651	0.388	ng	# 94
6) bis(2-Chloroethyl)ether	6.759	93	2042	0.383	ng	98
9) Naphthalene	10.105	128	5025	0.386	ng	99
10) Hexachlorobutadiene	10.404	225	1190	0.396	ng	# 100
12) 2-Methylnaphthalene	11.732	142	3423	0.367	ng	98
16) Acenaphthylene	13.679	152	5511	0.407	ng	99
17) Acenaphthene	14.031	154	3490	0.388	ng	99
18) Fluorene	15.026	166	4936	0.384	ng	99
20) 4,6-Dinitro-2-methylph...	15.133	198	327	0.396	ng	98
21) 4-Bromophenyl-phenylether	15.941	248	1897	0.386	ng	100
22) Hexachlorobenzene	16.040	284	2177	0.378	ng	98
23) Atrazine	16.227	200	1282	0.367	ng	99
24) Pentachlorophenol	16.388	266	1501	0.598	ng	89
25) Phenanthrene	16.773	178	8981	0.389	ng	100
26) Anthracene	16.860	178	8216	0.394	ng	100
28) Fluoranthene	18.812	202	11477	0.369	ng	100
30) Pyrene	19.179	202	11853	0.395	ng	100
32) Benzo(a)anthracene	20.956	228	10982	0.386	ng	100
33) Chrysene	21.009	228	11774	0.401	ng	99
34) Bis(2-ethylhexyl)phtha...	20.929	149	3910	0.348	ng	100
36) Indeno(1,2,3-cd)pyrene	25.105	276	13469	0.406	ng	99
37) Benzo(b)fluoranthene	22.450	252	11314	0.364	ng	100
38) Benzo(k)fluoranthene	22.494	252	12526	0.410	ng	99
39) Benzo(a)pyrene	22.974	252	10297	0.403	ng	99
40) Dibenzo(a,h)anthracene	25.123	278	10415	0.398	ng	99
41) Benzo(g,h,i)perylene	25.719	276	10244	0.374	ng	100

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

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