Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051925\
Data File : BN037063.D
Acq On : 20 May 2025 02:30
Operator : RC/JU
Sample : PB168032BS
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168032BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/20/2025
Supervised By :Jagrut Upadhyay 05/20/2025

Quant Time: May 20 04:21:02 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	1917	0.400	ng	0.00
7) Naphthalene-d8	10.393	136	4918	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2815	0.400	ng	-0.01
19) Phenanthrene-d10	17.008	188	5670	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4453	0.400	ng	# 0.00
35) Perylene-d12	23.403	264	3773	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1663	0.331	ng	0.00
5) Phenol-d6	6.788	99	2019	0.321	ng	0.00
8) Nitrobenzene-d5	8.760	82	1750	0.327	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2578m	0.372	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	372	0.301	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4004	0.311	ng	-0.01
27) Fluoranthene-d10	19.045	212	5116	0.329	ng	0.00
31) Terphenyl-d14	19.653	244	3671	0.385	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	677	0.288	ng	# 29
3) n-Nitrosodimethylamine	3.444	42	1678	0.332	ng	# 91
6) bis(2-Chloroethyl)ether	7.040	93	1869	0.323	ng	100
9) Naphthalene	10.436	128	4748	0.327	ng	99
10) Hexachlorobutadiene	10.735	225	1095	0.359	ng	# 100
12) 2-Methylnaphthalene	12.067	142	2857	0.306	ng	98
16) Acenaphthylene	13.978	152	4935	0.360	ng	99
17) Acenaphthene	14.320	154	2952	0.330	ng	99
18) Fluorene	15.314	166	4027	0.343	ng	99
20) 4,6-Dinitro-2-methylph...	15.400	198	378	0.350	ng	95
21) 4-Bromophenyl-phenylether	16.214	248	1233	0.344	ng	# 87
22) Hexachlorobenzene	16.326	284	1370	0.357	ng	98
23) Atrazine	16.487	200	1090	0.349	ng	96
24) Pentachlorophenol	16.661	266	1025	0.485	ng	98
25) Phenanthrene	17.046	178	6364	0.343	ng	100
26) Anthracene	17.145	178	5844	0.347	ng	100
28) Fluoranthene	19.072	202	7096	0.321	ng	99
30) Pyrene	19.439	202	7132	0.374	ng	99
32) Benzo(a)anthracene	21.188	228	5875	0.350	ng	99
33) Chrysene	21.242	228	6331	0.357	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	3539	0.343	ng	100
36) Indeno(1,2,3-cd)pyrene	25.614	276	5303	0.344	ng	99
37) Benzo(b)fluoranthene	22.746	252	5401	0.345	ng	98
38) Benzo(k)fluoranthene	22.789	252	5711	0.370	ng	97
39) Benzo(a)pyrene	23.307	252	4781	0.360	ng	# 92
40) Dibenzo(a,h)anthracene	25.628	278	4135	0.345	ng	99
41) Benzo(g,h,i)perylene	26.286	276	4472	0.343	ng	99

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

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