Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052125\
Data File : BN037080.D
Acq On : 20 May 2025 18:47
Operator : RC/JU
Sample : PB168032BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168032BS

Manual Integrations APPROVED
Reviewed By :Rahul Chavli 05/21/2025
Supervised By :Jagrut Upadhyay 05/21/2025

Quant Time: May 21 01:38:49 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	1842	0.400	ng	0.00
7) Naphthalene-d8	10.394	136	4702	0.400	ng	-0.01
13) Acenaphthene-d10	14.256	164	2635	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	5352	0.400	ng	# 0.00
29) Chrysene-d12	21.206	240	4047	0.400	ng	# 0.00
35) Perylene-d12	23.404	264	3455	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	1594	0.330	ng	0.00
5) Phenol-d6	6.788	99	1941	0.321	ng	0.00
8) Nitrobenzene-d5	8.760	82	1652	0.323	ng	-0.01
11) 2-Methylnaphthalene-d10	11.991	152	2547m	0.385	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	317	0.274	ng	-0.01
15) 2-Fluorobiphenyl	12.878	172	4016	0.333	ng	-0.01
27) Fluoranthene-d10	19.045	212	4775	0.325	ng	0.00
31) Terphenyl-d14	19.649	244	3340	0.386	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	695	0.307	ng	# 27
3) n-Nitrosodimethylamine	3.444	42	1538	0.317	ng	# 95
6) bis(2-Chloroethyl)ether	7.040	93	1788	0.322	ng	98
9) Naphthalene	10.436	128	4588	0.330	ng	99
10) Hexachlorobutadiene	10.735	225	1049	0.360	ng	# 98
12) 2-Methylnaphthalene	12.062	142	2706	0.303	ng	98
16) Acenaphthylene	13.978	152	4675	0.365	ng	100
17) Acenaphthene	14.320	154	2783	0.332	ng	99
18) Fluorene	15.314	166	3819	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.400	198	316	0.314	ng	# 92
21) 4-Bromophenyl-phenylether	16.202	248	1177	0.348	ng	# 79
22) Hexachlorobenzene	16.313	284	1258	0.348	ng	95
23) Atrazine	16.487	200	1058	0.359	ng	97
24) Pentachlorophenol	16.661	266	697	0.349	ng	98
25) Phenanthrene	17.046	178	6039	0.345	ng	100
26) Anthracene	17.145	178	5549	0.349	ng	100
28) Fluoranthene	19.073	202	6623	0.317	ng	99
30) Pyrene	19.440	202	6692	0.387	ng	100
32) Benzo(a)anthracene	21.189	228	5361	0.352	ng	99
33) Chrysene	21.242	228	5814	0.361	ng	97
34) Bis(2-ethylhexyl)phtha...	21.126	149	3282	0.350	ng	99
36) Indeno(1,2,3-cd)pyrene	25.611	276	4926	0.349	ng	98
37) Benzo(b)fluoranthene	22.746	252	4963	0.346	ng	99
38) Benzo(k)fluoranthene	22.787	252	5215	0.368	ng	97
39) Benzo(a)pyrene	23.307	252	4345	0.357	ng	# 92
40) Dibenzo(a,h)anthracene	25.628	278	3843	0.350	ng	99
41) Benzo(g,h,i)perylene	26.280	276	4175	0.350	ng	98

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

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