Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051425\
Data File : BN037021.D
Acq On : 14 May 2025 20:24
Operator : RC/JU
Sample : PB167952BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167952BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/15/2025
Supervised By :Jagrut Upadhyay 05/15/2025

Quant Time: May 15 01:25:52 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	7.618	152	2111	0.40	ng	0.00
7) Naphthalene-d8	10.394	136	5540	0.40	ng	#-0.01
13) Acenaphthene-d10	14.267	164	3182	0.40	ng	0.00
19) Phenanthrene-d10	17.009	188	6367	0.40	ng	# 0.00
29) Chrysene-d12	21.207	240	4959	0.40	ng	# 0.00
35) Perylene-d12	23.410	264	4122	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.213	112	2062	0.37	ng	0.00
5) Phenol-d6	6.795	99	2486	0.36	ng	0.00
8) Nitrobenzene-d5	8.760	82	2098	0.35	ng	-0.01
11) 2-Methylnaphthalene-d10	11.996	152	3117m	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.755	330	416	0.30	ng	-0.01
15) 2-Fluorobiphenyl	12.883	172	5349	0.37	ng	0.00
27) Fluoranthene-d10	19.050	212	5943	0.34	ng	0.00
31) Terphenyl-d14	19.653	244	4226	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.133	88	925	0.36	ng	# 19
3) n-Nitrosodimethylamine	3.444	42	2271	0.41	ng	# 82
6) bis(2-Chloroethyl)ether	7.048	93	2342	0.37	ng	99
9) Naphthalene	10.447	128	5650	0.35	ng	98
10) Hexachlorobutadiene	10.735	225	1227	0.36	ng	# 100
12) 2-Methylnaphthalene	12.067	142	3494	0.33	ng	99
16) Acenaphthylene	13.978	152	5649	0.36	ng	100
17) Acenaphthene	14.331	154	3451	0.34	ng	99
18) Fluorene	15.314	166	4544	0.34	ng	99
20) 4,6-Dinitro-2-methylph...	15.400	198	397	0.33	ng	# 91
21) 4-Bromophenyl-phenylether	16.214	248	1373	0.34	ng	93
22) Hexachlorobenzene	16.326	284	1531	0.36	ng	99
23) Atrazine	16.487	200	1227	0.35	ng	95
24) Pentachlorophenol	16.674	266	1123	0.47	ng	97
25) Phenanthrene	17.046	178	7254	0.35	ng	99
26) Anthracene	17.145	178	6587	0.35	ng	100
28) Fluoranthene	19.077	202	7960	0.32	ng	99
30) Pyrene	19.440	202	8107	0.38	ng	100
32) Benzo(a)anthracene	21.189	228	6689	0.36	ng	99
33) Chrysene	21.242	228	7176	0.36	ng	98
34) Bis(2-ethylhexyl)phtha...	21.135	149	4111	0.36	ng	98
36) Indeno(1,2,3-cd)pyrene	25.617	276	5659	0.34	ng	99
37) Benzo(b)fluoranthene	22.749	252	5901	0.35	ng	99
38) Benzo(k)fluoranthene	22.793	252	6303	0.37	ng	96
39) Benzo(a)pyrene	23.313	252	5209	0.36	ng	94
40) Dibenzo(a,h)anthracene	25.634	278	4301	0.33	ng	98
41) Benzo(g,h,i)perylene	26.298	276	4565	0.32	ng	98

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

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