Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072225\
Data File : BN037544.D
Acq On : 22 Jul 2025 18:05
Operator : RC/JU
Sample : PB168952BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168952BS

Quant Time: Jul 22 18:29:23 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN071525.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 19 01:46:16 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.724	152	2046	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	5016	0.400	ng	#-0.01
13) Acenaphthene-d10	14.355	164	2405	0.400	ng	0.00
19) Phenanthrene-d10	17.086	188	4507	0.400	ng	#-0.01
29) Chrysene-d12	21.268	240	3057	0.400	ng	# 0.00
35) Perylene-d12	23.507	264	2587	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1596	0.315	ng	0.00
5) Phenol-d6	6.886	99	1804	0.284	ng	0.00
8) Nitrobenzene-d5	8.864	82	1314	0.350	ng	0.00
11) 2-Methylnaphthalene-d10	12.095	152	2593	0.360	ng	0.00
14) 2,4,6-Tribromophenol	15.845	330	311	0.263	ng	0.00
15) 2-Fluorobiphenyl	12.978	172	5340	0.427	ng	0.00
27) Fluoranthene-d10	19.122	212	3618	0.303	ng	0.00
31) Terphenyl-d14	19.726	244	2569	0.391	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.246	88	595	0.303	ng	# 74
3) n-Nitrosodimethylamine	3.543	42	907	0.367	ng	89
6) bis(2-Chloroethyl)ether	7.146	93	1778	0.337	ng	98
9) Naphthalene	10.551	128	4609	0.345	ng	100
10) Hexachlorobutadiene	10.850	225	1216	0.411	ng	# 98
12) 2-Methylnaphthalene	12.166	142	2616	0.297	ng	95
16) Acenaphthylene	14.067	152	4254	0.395	ng	98
17) Acenaphthene	14.409	154	2497	0.341	ng	96
18) Fluorene	15.403	166	3212	0.341	ng	100
20) 4,6-Dinitro-2-methylph...	15.467	198	179	0.384	ng	90
21) 4-Bromophenyl-phenylether	16.292	248	978	0.339	ng	93
22) Hexachlorobenzene	16.404	284	1381	0.370	ng	97
23) Atrazine	16.565	200	628	0.312	ng	96
24) Pentachlorophenol	16.739	266	719	0.430	ng	99
25) Phenanthrene	17.136	178	4631	0.343	ng	99
26) Anthracene	17.223	178	4161	0.338	ng	100
28) Fluoranthene	19.150	202	4624	0.297	ng	98
30) Pyrene	19.512	202	4460	0.362	ng	100
32) Benzo(a)anthracene	21.259	228	3769	0.352	ng	98
33) Chrysene	21.304	228	4055	0.364	ng	98
34) Bis(2-ethylhexyl)phtha...	21.205	149	1538	0.319	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.770	276	4073	0.378	ng	96
37) Benzo(b)fluoranthene	22.835	252	3643	0.371	ng	96
38) Benzo(k)fluoranthene	22.879	252	3764	0.371	ng	95
39) Benzo(a)pyrene	23.411	252	3151	0.385	ng	94
40) Dibenzo(a,h)anthracene	25.785	278	3204	0.367	ng	93
41) Benzo(g,h,i)perylene	26.457	276	3511	0.389	ng	98

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

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