Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN073025\
Data File : BN037555.D
Acq On : 30 Jul 2025 13:52
Operator : RC/JU
Sample : PB169039BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169039BS

Quant Time: Jul 30 15:06:08 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	1872	0.400	ng	0.00
7) Naphthalene-d8	10.498	136	4499	0.400	ng	#-0.01
13) Acenaphthene-d10	14.345	164	2146	0.400	ng	-0.01
19) Phenanthrene-d10	17.087	188	3846	0.400	ng	#-0.01
29) Chrysene-d12	21.277	240	2873	0.400	ng	0.00
35) Perylene-d12	23.516	264	2422	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.312	112	1412	0.305	ng	0.00
5) Phenol-d6	6.887	99	1610	0.277	ng	0.00
8) Nitrobenzene-d5	8.854	82	1197	0.356	ng	-0.01
11) 2-Methylnaphthalene-d10	12.096	152	2195	0.340	ng	0.00
14) 2,4,6-Tribromophenol	15.833	330	243	0.230	ng	-0.01
15) 2-Fluorobiphenyl	12.978	172	4443	0.398	ng	0.00
27) Fluoranthene-d10	19.123	212	3150	0.309	ng	0.00
31) Terphenyl-d14	19.726	244	2289	0.371	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.247	88	564	0.313	ng	# 63
3) n-Nitrosodimethylamine	3.543	42	845	0.373	ng	83
6) bis(2-Chloroethyl)ether	7.147	93	1598	0.331	ng	97
9) Naphthalene	10.552	128	4093	0.341	ng	98
10) Hexachlorobutadiene	10.851	225	1120	0.422	ng	# 98
12) 2-Methylnaphthalene	12.167	142	2325	0.295	ng	96
16) Acenaphthylene	14.067	152	3643	0.379	ng	99
17) Acenaphthene	14.409	154	2201	0.337	ng	97
18) Fluorene	15.403	166	2802	0.333	ng	99
20) 4,6-Dinitro-2-methylph...	15.467	198	156	0.390	ng	94
21) 4-Bromophenyl-phenylether	16.292	248	853	0.346	ng	92
22) Hexachlorobenzene	16.404	284	1203	0.378	ng	95
23) Atrazine	16.565	200	524	0.305	ng	93
24) Pentachlorophenol	16.739	266	596	0.417	ng	98
25) Phenanthrene	17.136	178	3996	0.347	ng	99
26) Anthracene	17.223	178	3562	0.339	ng	100
28) Fluoranthene	19.150	202	4008	0.302	ng	98
30) Pyrene	19.517	202	3947	0.341	ng	100
32) Benzo(a)anthracene	21.259	228	3375	0.335	ng	97
33) Chrysene	21.313	228	3867	0.369	ng	99
34) Bis(2-ethylhexyl)phtha...	21.214	149	1424	0.315	ng	98
36) Indeno(1,2,3-cd)pyrene	25.776	276	3608	0.358	ng	95
37) Benzo(b)fluoranthene	22.844	252	3411	0.371	ng	95
38) Benzo(k)fluoranthene	22.891	252	3546	0.374	ng	96
39) Benzo(a)pyrene	23.417	252	2937	0.383	ng	93
40) Dibenzo(a,h)anthracene	25.797	278	2665	0.326	ng	92
41) Benzo(g,h,i)perylene	26.466	276	3077	0.364	ng	98

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

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