Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092625\
Data File : BN037925.D
Acq On : 26 Sep 2025 14:56
Operator : RC/JU
Sample : PB169839BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169839BS

Quant Time: Sep 26 15:20:52 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 24 11:00:01 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.826	152	6474	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17960	0.400	ng	# 0.00
13) Acenaphthene-d10	14.473	164	8983	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	18517	0.400	ng	0.00
29) Chrysene-d12	21.411	240	16130	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	14729	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5608	0.380	ng	0.01
5) Phenol-d6	6.981	99	7119	0.367	ng	0.00
8) Nitrobenzene-d5	8.971	82	5079	0.371	ng	0.00
11) 2-Methylnaphthalene-d10	12.223	152	9180	0.368	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1148	0.337	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	14116	0.384	ng	0.01
27) Fluoranthene-d10	19.257	212	16857	0.362	ng	0.00
31) Terphenyl-d14	19.857	244	12134	0.378	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.290	88	1989	0.303	ng	# 67
3) n-Nitrosodimethylamine	3.601	42	3004	0.344	ng	# 95
6) bis(2-Chloroethyl)ether	7.241	93	6814	0.378	ng	98
9) Naphthalene	10.680	128	18131	0.366	ng	99
10) Hexachlorobutadiene	10.979	225	3249	0.385	ng	# 100
12) 2-Methylnaphthalene	12.299	142	10326	0.319	ng	99
16) Acenaphthylene	14.195	152	15928	0.391	ng	100
17) Acenaphthene	14.537	154	10222	0.352	ng	99
18) Fluorene	15.523	166	13122	0.373	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	749	0.382	ng	88
21) 4-Bromophenyl-phenylether	16.416	248	4285	0.355	ng	94
22) Hexachlorobenzene	16.540	284	5446	0.372	ng	99
23) Atrazine	16.689	200	3086	0.336	ng	97
24) Pentachlorophenol	16.876	266	2861	0.570	ng	96
25) Phenanthrene	17.260	178	22391	0.367	ng	99
26) Anthracene	17.360	178	19422	0.367	ng	100
28) Fluoranthene	19.285	202	23845	0.355	ng	100
30) Pyrene	19.648	202	23395	0.367	ng	100
32) Benzo(a)anthracene	21.393	228	21646	0.384	ng	100
33) Chrysene	21.447	228	23820	0.391	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	7854	0.352	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.119	276	27926	0.415	ng	99
37) Benzo(b)fluoranthene	23.034	252	23969	0.377	ng	99
38) Benzo(k)fluoranthene	23.078	252	24060	0.376	ng	99
39) Benzo(a)pyrene	23.633	252	19997	0.398	ng	99
40) Dibenzo(a,h)anthracene	26.133	278	21738	0.414	ng	99
41) Benzo(g,h,i)perylene	26.847	276	23570	0.427	ng	99

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

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