Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092425\
Data File : BN037879.D
Acq On : 24 Sep 2025 17:39
Operator : RC/JU
Sample : PB169712BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169712BS

Quant Time: Sep 24 18:17:36 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	7.825	152	6389	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	17022	0.400	ng	# 0.00
13) Acenaphthene-d10	14.484	164	8044	0.400	ng	0.01
19) Phenanthrene-d10	17.223	188	15051	0.400	ng	# 0.00
29) Chrysene-d12	21.411	240	9285	0.400	ng	0.00
35) Perylene-d12	23.738	264	6873	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.399	112	5104	0.350	ng	0.01
5) Phenol-d6	6.980	99	6317	0.330	ng	0.00
8) Nitrobenzene-d5	8.982	82	4564	0.352	ng	0.01
11) 2-Methylnaphthalene-d10	12.222	152	7934	0.336	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	702	0.230	ng	0.00
15) 2-Fluorobiphenyl	13.105	172	12488	0.379	ng	0.01
27) Fluoranthene-d10	19.257	212	10866	0.287	ng	0.00
31) Terphenyl-d14	19.856	244	7873	0.426	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2034	0.314	ng	# 67
3) n-Nitrosodimethylamine	3.600	42	2810	0.326	ng	# 91
6) bis(2-Chloroethyl)ether	7.248	93	6245	0.351	ng	99
9) Naphthalene	10.679	128	16507	0.352	ng	99
10) Hexachlorobutadiene	10.978	225	3009	0.376	ng	# 99
12) 2-Methylnaphthalene	12.298	142	9242	0.302	ng	98
16) Acenaphthylene	14.195	152	14148	0.387	ng	99
17) Acenaphthene	14.537	154	8794	0.338	ng	100
18) Fluorene	15.522	166	10857	0.345	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	547	0.352	ng	# 80
21) 4-Bromophenyl-phenylether	16.416	248	3337	0.340	ng	# 86
22) Hexachlorobenzene	16.540	284	4448	0.374	ng	98
23) Atrazine	16.689	200	2053	0.275	ng	95
24) Pentachlorophenol	16.875	266	1293	0.317	ng	94
25) Phenanthrene	17.260	178	17069	0.345	ng	99
26) Anthracene	17.359	178	14843	0.345	ng	100
28) Fluoranthene	19.290	202	15606	0.286	ng	100
30) Pyrene	19.647	202	15632	0.426	ng	100
32) Benzo(a)anthracene	21.393	228	11859	0.365	ng	99
33) Chrysene	21.447	228	13029	0.371	ng	98
34) Bis(2-ethylhexyl)phtha...	21.330	149	3217	0.251	ng	# 97
36) Indeno(1,2,3-cd)pyrene	26.121	276	11026	0.351	ng	99
37) Benzo(b)fluoranthene	23.034	252	11383	0.384	ng	# 93
38) Benzo(k)fluoranthene	23.081	252	10834	0.363	ng	# 92
39) Benzo(a)pyrene	23.636	252	8929	0.381	ng	# 90
40) Dibenzo(a,h)anthracene	26.133	278	8564	0.349	ng	94
41) Benzo(g,h,i)perylene	26.843	276	9560	0.371	ng	97

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

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