Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092525\
Data File : BN037888.D
Acq On : 25 Sep 2025 14:34
Operator : RC/JU
Sample : PB169712BSD
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB169712BSD

Quant Time: Sep 25 15:00:42 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	6836	0.400	ng	0.00
7) Naphthalene-d8	10.626	136	18512	0.400	ng	0.00
13) Acenaphthene-d10	14.473	164	8848	0.400	ng	0.00
19) Phenanthrene-d10	17.223	188	16966	0.400	ng	0.00
29) Chrysene-d12	21.402	240	11857	0.400	ng	# 0.00
35) Perylene-d12	23.736	264	9036	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.392	112	5760	0.369	ng	0.00
5) Phenol-d6	6.981	99	7323	0.357	ng	0.00
8) Nitrobenzene-d5	8.971	82	5500	0.390	ng	0.00
11) 2-Methylnaphthalene-d10	12.217	152	8949	0.348	ng	0.00
14) 2,4,6-Tribromophenol	15.969	330	1023	0.305	ng	0.00
15) 2-Fluorobiphenyl	13.094	172	14311	0.395	ng	0.00
27) Fluoranthene-d10	19.253	212	13821	0.324	ng	0.00
31) Terphenyl-d14	19.852	244	10203	0.432	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.297	88	2281	0.329	ng	# 34
3) n-Nitrosodimethylamine	3.601	42	3666	0.397	ng	# 83
6) bis(2-Chloroethyl)ether	7.241	93	6927	0.364	ng	98
9) Naphthalene	10.669	128	18228	0.357	ng	99
10) Hexachlorobutadiene	10.979	225	3382	0.389	ng	# 100
12) 2-Methylnaphthalene	12.294	142	10261	0.308	ng	98
16) Acenaphthylene	14.195	152	15564	0.387	ng	99
17) Acenaphthene	14.537	154	10066	0.352	ng	99
18) Fluorene	15.523	166	12500	0.361	ng	99
20) 4,6-Dinitro-2-methylph...	15.597	198	708	0.392	ng	92
21) 4-Bromophenyl-phenylether	16.416	248	3842	0.348	ng	98
22) Hexachlorobenzene	16.540	284	4957	0.370	ng	99
23) Atrazine	16.689	200	2601	0.309	ng	99
24) Pentachlorophenol	16.876	266	2099	0.456	ng	95
25) Phenanthrene	17.260	178	20245	0.363	ng	100
26) Anthracene	17.360	178	17667	0.365	ng	100
28) Fluoranthene	19.285	202	19835	0.323	ng	99
30) Pyrene	19.648	202	19419	0.415	ng	100
32) Benzo(a)anthracene	21.384	228	15371	0.371	ng	99
33) Chrysene	21.438	228	17365	0.388	ng	99
34) Bis(2-ethylhexyl)phtha...	21.331	149	4456	0.272	ng	# 100
36) Indeno(1,2,3-cd)pyrene	26.110	276	14519	0.352	ng	99
37) Benzo(b)fluoranthene	23.028	252	15158	0.389	ng	96
38) Benzo(k)fluoranthene	23.078	252	14723	0.376	ng	96
39) Benzo(a)pyrene	23.630	252	12124	0.393	ng	96
40) Dibenzo(a,h)anthracene	26.127	278	11453	0.355	ng	95
41) Benzo(g,h,i)perylene	26.838	276	12421	0.367	ng	99

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

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