Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052825\
Data File : BN037125.D
Acq On : 29 May 2025 00:59
Operator : RC/JU
Sample : PB168100BSD
Misc :
ALS Vial : 23 Sample Multiplier: 1

Quant Time: May 29 01:34:45 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051425.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 14 11:26:32 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168100BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 05/29/2025
Supervised By :Jagrut Upadhyay 05/29/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.611	152	2246	0.400	ng	0.00
7) Naphthalene-d8	10.383	136	5562	0.400	ng	#-0.02
13) Acenaphthene-d10	14.256	164	2593	0.400	ng	-0.01
19) Phenanthrene-d10	17.009	188	4050	0.400	ng	# 0.00
29) Chrysene-d12	21.197	240	2689	0.400	ng	# 0.00
35) Perylene-d12	23.392	264	2817	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.206	112	2079	0.353	ng	0.00
5) Phenol-d6	6.788	99	2359	0.320	ng	0.00
8) Nitrobenzene-d5	8.760	82	2096	0.346	ng	-0.01
11) 2-Methylnaphthalene-d10	11.986	152	2821m	0.360	ng	-0.01
14) 2,4,6-Tribromophenol	15.755	330	282	0.248	ng	-0.01
15) 2-Fluorobiphenyl	12.873	172	4652	0.392	ng	-0.02
27) Fluoranthene-d10	19.040	212	3234	0.291	ng	0.00
31) Terphenyl-d14	19.644	244	2197	0.382	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.140	88	793	0.288	ng	# 35
3) n-Nitrosodimethylamine	3.451	42	2060	0.348	ng	# 92
6) bis(2-Chloroethyl)ether	7.040	93	2273	0.335	ng	98
9) Naphthalene	10.436	128	5672	0.345	ng	98
10) Hexachlorobutadiene	10.725	225	1281	0.371	ng	# 99
12) 2-Methylnaphthalene	12.062	142	3173	0.300	ng	98
16) Acenaphthylene	13.967	152	4902	0.388	ng	99
17) Acenaphthene	14.320	154	2903	0.352	ng	99
18) Fluorene	15.314	166	3562	0.329	ng	100
20) 4,6-Dinitro-2-methylph...	15.400	198	295	0.379	ng	94
21) 4-Bromophenyl-phenylether	16.202	248	1007	0.394	ng	94
22) Hexachlorobenzene	16.313	284	1097	0.401	ng	98
23) Atrazine	16.475	200	770	0.345	ng	94
24) Pentachlorophenol	16.661	266	431	0.286	ng	# 85
25) Phenanthrene	17.046	178	4747	0.359	ng	99
26) Anthracene	17.133	178	4404	0.366	ng	100
28) Fluoranthene	19.068	202	4429	0.280	ng	100
30) Pyrene	19.430	202	4405	0.383	ng	100
32) Benzo(a)anthracene	21.180	228	3556	0.351	ng	98
33) Chrysene	21.233	228	4044	0.378	ng	98
34) Bis(2-ethylhexyl)phtha...	21.126	149	2055	0.330	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.593	276	4915	0.427	ng	97
37) Benzo(b)fluoranthene	22.734	252	3833	0.328	ng	96
38) Benzo(k)fluoranthene	22.778	252	4110	0.356	ng	95
39) Benzo(a)pyrene	23.298	252	3660	0.369	ng	# 91
40) Dibenzo(a,h)anthracene	25.608	278	3782	0.422	ng	95
41) Benzo(g,h,i)perylene	26.272	276	4218	0.433	ng	98

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

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