Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061325\
Data File : BN037237.D
Acq On : 13 Jun 2025 21:25
Operator : RC/JU
Sample : PB168391BSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Jun 13 23:00:53 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061325.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 13 18:43:34 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB168391BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 06/16/2025
Supervised By :Jagrut Upadhyay 06/16/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	1340	0.400	ng	0.00
7) Naphthalene-d8	10.351	136	3197	0.400	ng	#-0.01
13) Acenaphthene-d10	14.224	164	1517	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	2544	0.400	ng	0.00
29) Chrysene-d12	21.171	240	1864	0.400	ng	# 0.00
35) Perylene-d12	23.363	264	1823	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.177	112	1074	0.326	ng	0.00
5) Phenol-d6	6.759	99	1133	0.327	ng	0.00
8) Nitrobenzene-d5	8.728	82	1094	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	11.955	152	1567m	0.365	ng	0.00
14) 2,4,6-Tribromophenol	15.730	330	191	0.303	ng	0.00
15) 2-Fluorobiphenyl	12.848	172	2414	0.379	ng	0.00
27) Fluoranthene-d10	19.017	212	2260	0.340	ng	0.00
31) Terphenyl-d14	19.625	244	1545	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	767	0.417	ng	# 39
3) n-Nitrosodimethylamine	3.415	42	1445	0.345	ng	# 98
6) bis(2-Chloroethyl)ether	7.012	93	1087	0.350	ng	95
9) Naphthalene	10.404	128	3142	0.339	ng	100
10) Hexachlorobutadiene	10.693	225	809	0.359	ng	# 96
12) 2-Methylnaphthalene	12.026	142	1733	0.308	ng	98
16) Acenaphthylene	13.946	152	2835	0.381	ng	98
17) Acenaphthene	14.288	154	1676	0.349	ng	99
18) Fluorene	15.282	166	2139	0.347	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	183	0.391	ng	89
21) 4-Bromophenyl-phenylether	16.177	248	601	0.363	ng	97
22) Hexachlorobenzene	16.289	284	730	0.380	ng	98
23) Atrazine	16.462	200	554	0.375	ng	95
24) Pentachlorophenol	16.636	266	179	0.190	ng	96
25) Phenanthrene	17.021	178	2878	0.357	ng	99
26) Anthracene	17.108	178	2707	0.366	ng	99
28) Fluoranthene	19.045	202	3075	0.326	ng	99
30) Pyrene	19.407	202	3164	0.361	ng	99
32) Benzo(a)anthracene	21.162	228	2335	0.371	ng	100
33) Chrysene	21.206	228	2859	0.365	ng	98
34) Bis(2-ethylhexyl)phtha...	21.099	149	1653	0.353	ng	# 99
36) Indeno(1,2,3-cd)pyrene	25.552	276	2941	0.400	ng	99
37) Benzo(b)fluoranthene	22.708	252	2370	0.355	ng	95
38) Benzo(k)fluoranthene	22.752	252	2685	0.349	ng	96
39) Benzo(a)pyrene	23.272	252	2338	0.390	ng	# 93
40) Dibenzo(a,h)anthracene	25.570	278	2093	0.374	ng	98
41) Benzo(g,h,i)perylene	26.216	276	2507	0.368	ng	97

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

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