Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN043025\
Data File : BN036952.D
Acq On : 30 Apr 2025 18:17
Operator : RC/JU
Sample : PB167760BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167760BS

Quant Time: May 01 01:12:39 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN042825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 28 15:35:03 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.626	152	2072	0.400	ng	0.00
7) Naphthalene-d8	10.404	136	5162	0.400	ng	#-0.01
13) Acenaphthene-d10	14.277	164	2727	0.400	ng	0.00
19) Phenanthrene-d10	17.021	188	5423	0.400	ng	0.00
29) Chrysene-d12	21.216	240	4126	0.400	ng	# 0.00
35) Perylene-d12	23.424	264	3488	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.228	112	1848	0.349	ng	0.00
5) Phenol-d6	6.802	99	2148	0.329	ng	0.00
8) Nitrobenzene-d5	8.771	82	1862	0.345	ng	-0.01
11) 2-Methylnaphthalene-d10	12.006	152	2630m	0.364	ng	0.00
14) 2,4,6-Tribromophenol	15.767	330	416	0.342	ng	0.00
15) 2-Fluorobiphenyl	12.894	172	4134	0.314	ng	0.00
27) Fluoranthene-d10	19.059	212	4961	0.353	ng	0.00
31) Terphenyl-d14	19.663	244	3494	0.359	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.148	88	740	0.287	ng	# 43
3) n-Nitrosodimethylamine	3.458	42	1917	0.383	ng	# 94
6) bis(2-Chloroethyl)ether	7.062	93	2097	0.347	ng	96
9) Naphthalene	10.458	128	5188	0.345	ng	99
10) Hexachlorobutadiene	10.746	225	1196	0.368	ng	# 98
12) 2-Methylnaphthalene	12.082	142	3288	0.339	ng	99
16) Acenaphthylene	13.989	152	4827	0.362	ng	99
17) Acenaphthene	14.342	154	3061	0.350	ng	100
18) Fluorene	15.325	166	3953	0.345	ng	100
20) 4,6-Dinitro-2-methylph...	15.411	198	481	0.335	ng	# 78
21) 4-Bromophenyl-phenylether	16.227	248	1251	0.346	ng	98
22) Hexachlorobenzene	16.338	284	1382	0.348	ng	96
23) Atrazine	16.500	200	1092	0.374	ng	98
24) Pentachlorophenol	16.674	266	1008	0.474	ng	98
25) Phenanthrene	17.058	178	6409	0.358	ng	100
26) Anthracene	17.158	178	5818	0.359	ng	100
28) Fluoranthene	19.087	202	7000	0.349	ng	100
30) Pyrene	19.454	202	7102	0.357	ng	99
32) Benzo(a)anthracene	21.198	228	5546	0.365	ng	99
33) Chrysene	21.251	228	6250	0.381	ng	99
34) Bis(2-ethylhexyl)phtha...	21.144	149	3105	0.359	ng	100
36) Indeno(1,2,3-cd)pyrene	25.640	276	5142	0.361	ng	98
37) Benzo(b)fluoranthene	22.763	252	5169	0.352	ng	99
38) Benzo(k)fluoranthene	22.801	252	5282	0.358	ng	99
39) Benzo(a)pyrene	23.328	252	4501	0.373	ng	99
40) Dibenzo(a,h)anthracene	25.652	278	3958	0.353	ng	98
41) Benzo(g,h,i)perylene	26.316	276	4079	0.328	ng	97

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

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