Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070225\
Data File : BN037430.D
Acq On : 02 Jul 2025 17:27
Operator : RC/JU
Sample : PB168695BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168695BSD

Quant Time: Jul 02 17:55:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN062625.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 26 16:06:33 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.560	152	1957	0.400	ng	0.00
7) Naphthalene-d8	10.340	136	4090	0.400	ng	0.00
13) Acenaphthene-d10	14.213	164	2586	0.400	ng	0.00
19) Phenanthrene-d10	16.971	188	4790	0.400	ng	0.01
29) Chrysene-d12	21.171	240	4441	0.400	ng	# 0.00
35) Perylene-d12	23.357	264	5091	0.400	ng	# 0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.163	112	1355	0.359	ng	0.00
5) Phenol-d6	6.751	99	1291	0.330	ng	0.00
8) Nitrobenzene-d5	8.717	82	1158	0.353	ng	0.00
11) 2-Methylnaphthalene-d10	11.940	152	2970	0.469	ng	0.00
14) 2,4,6-Tribromophenol	15.718	330	477	0.314	ng	0.00
15) 2-Fluorobiphenyl	12.833	172	4275	0.383	ng	0.00
27) Fluoranthene-d10	19.007	212	4887	0.356	ng	0.00
31) Terphenyl-d14	19.616	244	3443	0.364	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.104	88	559	0.301	ng	# 59
3) n-Nitrosodimethylamine	3.415	42	668	0.364	ng	# 92
6) bis(2-Chloroethyl)ether	6.997	93	1140	0.328	ng	89
9) Naphthalene	10.383	128	3771	0.358	ng	99
10) Hexachlorobutadiene	10.682	225	1627	0.389	ng	# 97
12) 2-Methylnaphthalene	12.016	142	2274	0.314	ng	98
16) Acenaphthylene	13.935	152	4087	0.381	ng	100
17) Acenaphthene	14.277	154	2490	0.356	ng	97
18) Fluorene	15.271	166	3284	0.332	ng	99
20) 4,6-Dinitro-2-methylph...	15.378	198	276	0.224	ng	# 62
21) 4-Bromophenyl-phenylether	16.164	248	1253	0.371	ng	# 89
22) Hexachlorobenzene	16.276	284	1469	0.404	ng	97
23) Atrazine	16.450	200	944	0.353	ng	# 93
24) Pentachlorophenol	16.624	266	1209	0.616	ng	99
25) Phenanthrene	17.009	178	4601	0.341	ng	99
26) Anthracene	17.108	178	4364	0.352	ng	98
28) Fluoranthene	19.035	202	5898	0.342	ng	99
30) Pyrene	19.398	202	5874	0.350	ng	98
32) Benzo(a)anthracene	21.153	228	4757	0.341	ng	98
33) Chrysene	21.206	228	6724	0.389	ng	99
34) Bis(2-ethylhexyl)phtha...	21.099	149	2188	0.396	ng	97
36) Indeno(1,2,3-cd)pyrene	25.544	276	8291	0.386	ng	95
37) Benzo(b)fluoranthene	22.705	252	5779	0.322	ng	# 90
38) Benzo(k)fluoranthene	22.749	252	7025	0.366	ng	# 93
39) Benzo(a)pyrene	23.263	252	6090	0.381	ng	# 89
40) Dibenzo(a,h)anthracene	25.564	278	5898	0.358	ng	# 90
41) Benzo(g,h,i)perylene	26.204	276	7365	0.374	ng	98

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

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