Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070225\
Data File : BN037429.D
Acq On : 02 Jul 2025 16:50
Operator : RC/JU
Sample : PB168695BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB168695BS

Quant Time: Jul 02 17:12:41 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	7.561	152	2121	0.400	ng		0.00
7) Naphthalene-d8	10.340	136	4355	0.400	ng		0.00
13) Acenaphthene-d10	14.213	164	2709	0.400	ng		0.00
19) Phenanthrene-d10	16.971	188	4952	0.400	ng		0.01
29) Chrysene-d12	21.171	240	4556	0.400	ng	#	0.00
35) Perylene-d12	23.354	264	5045	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.170	112	1449	0.354	ng		0.00
5) Phenol-d6	6.752	99	1403	0.331	ng		0.00
8) Nitrobenzene-d5	8.717	82	1259	0.361	ng		0.00
11) 2-Methylnaphthalene-d10	11.940	152	3144	0.467	ng		0.00
14) 2,4,6-Tribromophenol	15.718	330	502	0.316	ng		0.00
15) 2-Fluorobiphenyl	12.833	172	4562	0.390	ng		0.00
27) Fluoranthene-d10	19.008	212	5049	0.356	ng		0.00
31) Terphenyl-d14	19.616	244	3695	0.380	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.104	88	643	0.320	ng	#	66
3) n-Nitrosodimethylamine	3.415	42	763	0.384	ng	#	96
6) bis(2-Chloroethyl)ether	6.997	93	1226	0.325	ng		92
9) Naphthalene	10.383	128	4031	0.360	ng		99
10) Hexachlorobutadiene	10.671	225	1758	0.395	ng	#	99
12) 2-Methylnaphthalene	12.016	142	2428	0.315	ng		99
16) Acenaphthylene	13.925	152	4245	0.378	ng		99
17) Acenaphthene	14.277	154	2601	0.355	ng		97
18) Fluorene	15.272	166	3372	0.325	ng		100
20) 4,6-Dinitro-2-methylph...	15.378	198	310	0.244	ng	#	69
21) 4-Bromophenyl-phenylether	16.165	248	1301	0.372	ng	#	94
22) Hexachlorobenzene	16.276	284	1452	0.387	ng		96
23) Atrazine	16.450	200	988	0.357	ng	#	97
24) Pentachlorophenol	16.624	266	1250	0.616	ng		95
25) Phenanthrene	17.009	178	4834	0.346	ng		100
26) Anthracene	17.108	178	4561	0.356	ng		100
28) Fluoranthene	19.036	202	5956	0.334	ng		99
30) Pyrene	19.398	202	6095	0.354	ng		99
32) Benzo(a)anthracene	21.153	228	4837	0.338	ng		97
33) Chrysene	21.207	228	6743	0.380	ng		99
34) Bis(2-ethylhexyl)phtha...	21.099	149	2091	0.369	ng		99
36) Indeno(1,2,3-cd)pyrene	25.541	276	7794	0.366	ng		97
37) Benzo(b)fluoranthene	22.702	252	5684	0.320	ng		92
38) Benzo(k)fluoranthene	22.743	252	6830	0.359	ng	#	91
39) Benzo(a)pyrene	23.260	252	5974	0.378	ng	#	90
40) Dibenzo(a,h)anthracene	25.561	278	5481	0.335	ng	#	84
41) Benzo(g,h,i)perylene	26.196	276	7217	0.370	ng		99

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

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