Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036124.D
Acq On : 30 Jan 2025 01:19
Operator : RC/JU
Sample : PB166237BS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166237BS

Quant Time: Jan 30 03:05:21 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.802	152	2273	0.400	ng	-0.01
7) Naphthalene-d8	10.600	136	5072	0.400	ng	-0.01
13) Acenaphthene-d10	14.441	164	2643	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	4937	0.400	ng	# 0.00
29) Chrysene-d12	21.375	240	3907	0.400	ng	0.00
35) Perylene-d12	23.671	264	4551	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	2458	0.416	ng	0.02
5) Phenol-d6	7.015	99	2856	0.411	ng	0.04
8) Nitrobenzene-d5	8.945	82	2065	0.431	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	3972	0.576	ng	-0.01
14) 2,4,6-Tribromophenol	15.932	330	483	0.285	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4670	0.396	ng	0.00
27) Fluoranthene-d10	19.220	212	5180	0.405	ng	0.00
31) Terphenyl-d14	19.815	244	4095	0.505	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.303	88	867	0.341	ng	# 83
3) n-Nitrosodimethylamine	3.606	42	1692	0.367	ng	# 80
6) bis(2-Chloroethyl)ether	7.224	93	2734	0.489	ng	98
9) Naphthalene	10.643	128	5933	0.403	ng	99
10) Hexachlorobutadiene	10.942	225	1715	0.360	ng	# 100
12) 2-Methylnaphthalene	12.258	142	3767	0.412	ng	97
16) Acenaphthylene	14.163	152	5303	0.423	ng	100
17) Acenaphthene	14.505	154	3462	0.403	ng	98
18) Fluorene	15.489	166	4214	0.392	ng	96
20) 4,6-Dinitro-2-methylph...	15.572	198	330	0.287	ng	95
21) 4-Bromophenyl-phenylether	16.379	248	1355	0.385	ng	# 82
22) Hexachlorobenzene	16.503	284	1845	0.398	ng	94
23) Atrazine	16.652	200	1062	0.418	ng	99
24) Pentachlorophenol	16.851	266	1120	0.559	ng	97
25) Phenanthrene	17.223	178	6115	0.412	ng	100
26) Anthracene	17.322	178	5554	0.412	ng	99
28) Fluoranthene	19.248	202	6422	0.369	ng	99
30) Pyrene	19.610	202	6665	0.421	ng	99
32) Benzo(a)anthracene	21.357	228	6090	0.430	ng	99
33) Chrysene	21.411	228	6119	0.422	ng	98
34) Bis(2-ethylhexyl)phtha...	21.286	149	3676	0.473	ng	99
36) Indeno(1,2,3-cd)pyrene	26.013	276	8151	0.446	ng	99
37) Benzo(b)fluoranthene	22.975	252	6279	0.380	ng	# 87
38) Benzo(k)fluoranthene	23.022	252	6335	0.380	ng	# 85
39) Benzo(a)pyrene	23.569	252	6076	0.430	ng	# 86
40) Dibenzo(a,h)anthracene	26.034	278	6466	0.444	ng	93
41) Benzo(g,h,i)perylene	26.729	276	6430	0.405	ng	97

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

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