Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036125.D
Acq On : 30 Jan 2025 01:55
Operator : RC/JU
Sample : PB166237BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166237BSD

Quant Time: Jan 30 03:05:43 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	7.803	152	2190	0.400	ng	-0.01
7) Naphthalene-d8	10.590	136	4796	0.400	ng	#-0.02
13) Acenaphthene-d10	14.436	164	2534	0.400	ng	-0.01
19) Phenanthrene-d10	17.181	188	4885	0.400	ng	0.00
29) Chrysene-d12	21.375	240	3758	0.400	ng	0.00
35) Perylene-d12	23.671	264	4193	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	2343	0.411	ng	0.02
5) Phenol-d6	7.015	99	2727	0.408	ng	0.04
8) Nitrobenzene-d5	8.945	82	2028	0.448	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	3897	0.598	ng	-0.01
14) 2,4,6-Tribromophenol	15.940	330	487	0.300	ng	0.01
15) 2-Fluorobiphenyl	13.068	172	4529	0.400	ng	0.00
27) Fluoranthene-d10	19.220	212	5211	0.412	ng	0.00
31) Terphenyl-d14	19.815	244	4087	0.524	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	847	0.346	ng	# 78
3) n-Nitrosodimethylamine	3.607	42	1633	0.368	ng	# 80
6) bis(2-Chloroethyl)ether	7.225	93	2655	0.493	ng	97
9) Naphthalene	10.643	128	5738	0.412	ng	98
10) Hexachlorobutadiene	10.942	225	1630	0.362	ng	# 97
12) 2-Methylnaphthalene	12.258	142	3662	0.424	ng	97
16) Acenaphthylene	14.158	152	5137	0.428	ng	100
17) Acenaphthene	14.501	154	3428	0.417	ng	97
18) Fluorene	15.495	166	4093	0.397	ng	97
20) 4,6-Dinitro-2-methylph...	15.568	198	337	0.296	ng	# 85
21) 4-Bromophenyl-phenylether	16.387	248	1392	0.400	ng	95
22) Hexachlorobenzene	16.499	284	1834	0.400	ng	97
23) Atrazine	16.660	200	1083	0.431	ng	97
24) Pentachlorophenol	16.858	266	1122	0.566	ng	97
25) Phenanthrene	17.231	178	6100	0.416	ng	100
26) Anthracene	17.318	178	5675	0.425	ng	99
28) Fluoranthene	19.248	202	6469	0.375	ng	99
30) Pyrene	19.610	202	6709	0.441	ng	99
32) Benzo(a)anthracene	21.358	228	5884	0.432	ng	99
33) Chrysene	21.402	228	5830	0.418	ng	98
34) Bis(2-ethylhexyl)phtha...	21.286	149	3796	0.508	ng	98
36) Indeno(1,2,3-cd)pyrene	26.019	276	7828	0.465	ng	99
37) Benzo(b)fluoranthene	22.976	252	5949	0.390	ng	# 86
38) Benzo(k)fluoranthene	23.022	252	6197	0.403	ng	# 84
39) Benzo(a)pyrene	23.569	252	5927	0.455	ng	# 85
40) Dibenzo(a,h)anthracene	26.034	278	6097	0.455	ng	93
41) Benzo(g,h,i)perylene	26.730	276	6081	0.416	ng	96

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

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