Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN021225\
Data File : BN036454.D
Acq On : 12 Feb 2025 23:35
Operator : RC/JU
Sample : PB166609BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 13 00:09:37 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Feb 11 01:17:14 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB166609BSD

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 02/13/2025
Supervised By :Jagrut Upadhyay 02/13/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.753	152	2969	0.400	ng	0.00
7) Naphthalene-d8	10.541	136	7418	0.400	ng	# 0.00
13) Acenaphthene-d10	14.387	164	4537	0.400	ng	0.00
19) Phenanthrene-d10	17.136	188	9856	0.400	ng	0.00
29) Chrysene-d12	21.322	240	6518	0.400	ng	0.00
35) Perylene-d12	23.589	264	5699	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.348	112	3150	0.449	ng	0.00
5) Phenol-d6	6.930	99	3783	0.459	ng	0.00
8) Nitrobenzene-d5	8.896	82	2775	0.379	ng	-0.01
11) 2-Methylnaphthalene-d10	12.131	152	5254m	0.461	ng	-0.01
14) 2,4,6-Tribromophenol	15.882	330	652	0.290	ng	0.00
15) 2-Fluorobiphenyl	13.008	172	7384	0.433	ng	-0.01
27) Fluoranthene-d10	19.164	212	9796	0.357	ng	0.00
31) Terphenyl-d14	19.768	244	6753	0.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.268	88	1154	0.355	ng	# 55
3) n-Nitrosodimethylamine	3.571	42	2071	0.367	ng	# 84
6) bis(2-Chloroethyl)ether	7.175	93	3525	0.409	ng	98
9) Naphthalene	10.583	128	8627	0.403	ng	99
10) Hexachlorobutadiene	10.882	225	2051	0.394	ng	# 100
12) 2-Methylnaphthalene	12.207	142	5556	0.396	ng	98
16) Acenaphthylene	14.109	152	8530	0.426	ng	99
17) Acenaphthene	14.452	154	5456	0.408	ng	99
18) Fluorene	15.435	166	7719	0.405	ng	99
20) 4,6-Dinitro-2-methylph...	15.522	198	684	0.354	ng	# 78
21) 4-Bromophenyl-phenylether	16.329	248	2346	0.399	ng	# 87
22) Hexachlorobenzene	16.441	284	3012	0.415	ng	96
23) Atrazine	16.602	200	1878	0.383	ng	95
24) Pentachlorophenol	16.788	266	1538	0.446	ng	99
25) Phenanthrene	17.173	178	11740	0.412	ng	99
26) Anthracene	17.260	178	10760	0.428	ng	99
28) Fluoranthene	19.197	202	12376	0.354	ng	99
30) Pyrene	19.559	202	12671	0.505	ng	100
32) Benzo(a)anthracene	21.304	228	9128	0.426	ng	99
33) Chrysene	21.357	228	10259	0.442	ng	98
34) Bis(2-ethylhexyl)phtha...	21.232	149	5623	0.421	ng	98
36) Indeno(1,2,3-cd)pyrene	25.887	276	8279	0.416	ng	99
37) Benzo(b)fluoranthene	22.902	252	7661	0.408	ng	# 90
38) Benzo(k)fluoranthene	22.949	252	8427	0.436	ng	# 92
39) Benzo(a)pyrene	23.490	252	7409	0.452	ng	# 90
40) Dibenzo(a,h)anthracene	25.902	278	6530	0.415	ng	93
41) Benzo(g,h,i)perylene	26.586	276	6412	0.360	ng	96

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

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