Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036787.D
Acq On : 28 Mar 2025 23:38
Operator : RC/JU
Sample : PB167251BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Quant Time: Mar 31 10:41:54 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 16:06:28 2025
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB167251BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/31/2025
Supervised By :Jagrut Upadhyay 03/31/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	1517	0.400	ng		-0.03
7) Naphthalene-d8	10.487	136	3731	0.400	ng		#-0.02
13) Acenaphthene-d10	14.334	164	2164	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	4675	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	3635	0.400	ng		#-0.02
35) Perylene-d12	23.516	264	3061	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1565	0.443	ng		-0.02
5) Phenol-d6	6.872	99	1831	0.419	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1471	0.362	ng		-0.03
11) 2-Methylnaphthalene-d10	12.080	152	2454m	0.442	ng		-0.03
14) 2,4,6-Tribromophenol	15.833	330	402	0.409	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	4848	0.385	ng		-0.03
27) Fluoranthene-d10	19.118	212	4771	0.398	ng		-0.02
31) Terphenyl-d14	19.722	244	3358	0.386	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	573	0.340	ng	#	36
3) n-Nitrosodimethylamine	3.535	42	1554	0.456	ng	#	93
6) bis(2-Chloroethyl)ether	7.125	93	1795	0.398	ng		96
9) Naphthalene	10.530	128	4490	0.409	ng		99
10) Hexachlorobutadiene	10.818	225	1081	0.418	ng	#	96
12) 2-Methylnaphthalene	12.151	142	2927	0.419	ng		99
16) Acenaphthylene	14.056	152	4615	0.452	ng		98
17) Acenaphthene	14.398	154	2946	0.441	ng		99
18) Fluorene	15.392	166	3928	0.434	ng		98
20) 4,6-Dinitro-2-methylph...	15.478	198	374	0.459	ng		84
21) 4-Bromophenyl-phenylether	16.279	248	1254	0.428	ng		91
22) Hexachlorobenzene	16.391	284	1431	0.405	ng		94
23) Atrazine	16.553	200	1102	0.469	ng		97
24) Pentachlorophenol	16.739	266	918	0.569	ng		96
25) Phenanthrene	17.124	178	6323	0.451	ng		100
26) Anthracene	17.223	178	5693	0.450	ng		99
28) Fluoranthene	19.150	202	7014	0.445	ng		98
30) Pyrene	19.513	202	7319	0.412	ng		99
32) Benzo(a)anthracene	21.259	228	5474	0.433	ng		99
33) Chrysene	21.313	228	6453	0.467	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3700	0.411	ng		99
36) Indeno(1,2,3-cd)pyrene	25.779	276	5268	0.477	ng	#	82
37) Benzo(b)fluoranthene	22.841	252	5149	0.462	ng		96
38) Benzo(k)fluoranthene	22.885	252	5430m	0.465	ng		
39) Benzo(a)pyrene	23.420	252	4679	0.499	ng	#	93
40) Dibenzo(a,h)anthracene	25.802	278	3944	0.459	ng		95
41) Benzo(g,h,i)perylene	26.472	276	4262	0.433	ng		96

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

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