Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036788.D
Acq On : 29 Mar 2025 00:14
Operator : RC/JU
Sample : PB167251BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB167251BSD

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

Quant Time: Mar 31 10:42:26 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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	1495	0.400	ng		-0.03
7) Naphthalene-d8	10.487	136	3562	0.400	ng		#-0.02
13) Acenaphthene-d10	14.334	164	2075	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	4531	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	3571	0.400	ng		#-0.02
35) Perylene-d12	23.513	264	3214	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1520	0.436	ng		-0.02
5) Phenol-d6	6.872	99	1696	0.394	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1467	0.379	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2286m	0.431	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	384	0.408	ng		-0.02
15) 2-Fluorobiphenyl	12.963	172	4747	0.393	ng		-0.03
27) Fluoranthene-d10	19.118	212	4737	0.408	ng		-0.02
31) Terphenyl-d14	19.722	244	3374	0.394	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	559	0.337	ng	#	27
3) n-Nitrosodimethylamine	3.528	42	1482	0.442	ng	#	94
6) bis(2-Chloroethyl)ether	7.125	93	1720	0.387	ng		97
9) Naphthalene	10.530	128	4258	0.406	ng		99
10) Hexachlorobutadiene	10.818	225	1013	0.411	ng	#	99
12) 2-Methylnaphthalene	12.151	142	2756	0.413	ng		98
16) Acenaphthylene	14.056	152	4353	0.445	ng		99
17) Acenaphthene	14.398	154	2772	0.432	ng		99
18) Fluorene	15.393	166	3813	0.440	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	384	0.477	ng	#	83
21) 4-Bromophenyl-phenylether	16.280	248	1199	0.422	ng		96
22) Hexachlorobenzene	16.391	284	1423	0.415	ng		95
23) Atrazine	16.553	200	1058	0.465	ng		96
24) Pentachlorophenol	16.739	266	908	0.581	ng		96
25) Phenanthrene	17.124	178	6081	0.447	ng		100
26) Anthracene	17.223	178	5621	0.458	ng		99
28) Fluoranthene	19.150	202	7104	0.465	ng		98
30) Pyrene	19.513	202	7362	0.422	ng		100
32) Benzo(a)anthracene	21.259	228	5399	0.435	ng		99
33) Chrysene	21.313	228	6396	0.471	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3569	0.404	ng		99
36) Indeno(1,2,3-cd)pyrene	25.782	276	5542	0.478	ng		96
37) Benzo(b)fluoranthene	22.841	252	5372	0.459	ng		94
38) Benzo(k)fluoranthene	22.885	252	5891	0.480	ng	#	92
39) Benzo(a)pyrene	23.417	252	4725	0.480	ng	#	91
40) Dibenzo(a,h)anthracene	25.800	278	4192	0.464	ng		93
41) Benzo(g,h,i)perylene	26.469	276	4510	0.437	ng		95

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

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