Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040325\
Data File : BN036828.D
Acq On : 03 Apr 2025 18:26
Operator : RC/JU
Sample : PB167450BS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Apr 04 00:56:29 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 :
PB167450BS

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 04/04/2025
Supervised By :Jagrut Upadhyay 04/04/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.695	152	2002	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	4746	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	2613	0.400	ng		-0.03
19) Phenanthrene-d10	17.086	188	5480	0.400	ng		-0.02
29) Chrysene-d12	21.268	240	4282	0.400	ng		-0.03
35) Perylene-d12	23.513	264	3764	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.290	112	1834	0.393	ng		-0.02
5) Phenol-d6	6.872	99	2150	0.373	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1657	0.321	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2854m	0.404	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	431	0.363	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	5388	0.354	ng		-0.03
27) Fluoranthene-d10	19.113	212	5132	0.365	ng		-0.03
31) Terphenyl-d14	19.722	244	3530	0.344	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	795	0.358	ng	#	40
3) n-Nitrosodimethylamine	3.528	42	1789	0.398	ng		99
6) bis(2-Chloroethyl)ether	7.125	93	2154	0.362	ng		99
9) Naphthalene	10.530	128	5090	0.365	ng		99
10) Hexachlorobutadiene	10.818	225	1229	0.374	ng	#	96
12) 2-Methylnaphthalene	12.146	142	3230	0.364	ng		98
16) Acenaphthylene	14.056	152	4832	0.392	ng		99
17) Acenaphthene	14.398	154	3102	0.384	ng		99
18) Fluorene	15.382	166	4152	0.380	ng		100
20) 4,6-Dinitro-2-methylph...	15.478	198	425	0.449	ng	#	80
21) 4-Bromophenyl-phenylether	16.280	248	1280	0.373	ng		92
22) Hexachlorobenzene	16.391	284	1493	0.360	ng		95
23) Atrazine	16.553	200	1157	0.420	ng		98
24) Pentachlorophenol	16.739	266	1209	0.640	ng		98
25) Phenanthrene	17.124	178	6546	0.398	ng		100
26) Anthracene	17.210	178	5976m	0.403	ng		
28) Fluoranthene	19.146	202	7512	0.407	ng		99
30) Pyrene	19.508	202	7742	0.370	ng		99
32) Benzo(a)anthracene	21.259	228	5808	0.390	ng		100
33) Chrysene	21.313	228	6830	0.420	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3526	0.333	ng		98
36) Indeno(1,2,3-cd)pyrene	25.776	276	5856	0.431	ng		96
37) Benzo(b)fluoranthene	22.841	252	5486	0.400	ng		95
38) Benzo(k)fluoranthene	22.885	252	6379m	0.444	ng		
39) Benzo(a)pyrene	23.417	252	5008	0.434	ng	#	92
40) Dibenzo(a,h)anthracene	25.800	278	4402	0.416	ng		96
41) Benzo(g,h,i)perylene	26.466	276	4787	0.396	ng		96

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

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