Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
Data File : BN036505.D
Acq On : 24 Feb 2025 19:25
Operator : RC/JU
Sample : PB166832BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 25 00:14:51 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 :
PB166832BSD

Manual Integrations APPROVED

Reviewed By :Rahul Chavli 02/25/2025
Supervised By :mohammad ahmed 02/28/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.739	152	3237	0.400	ng		-0.01
7) Naphthalene-d8	10.530	136	7948	0.400	ng		#-0.01
13) Acenaphthene-d10	14.377	164	4588	0.400	ng		-0.01
19) Phenanthrene-d10	17.124	188	9111	0.400	ng		-0.01
29) Chrysene-d12	21.313	240	5499	0.400	ng		0.00
35) Perylene-d12	23.578	264	5044	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.334	112	2744	0.359	ng		-0.01
5) Phenol-d6	6.923	99	3112	0.347	ng		-0.01
8) Nitrobenzene-d5	8.897	82	2507	0.320	ng		-0.01
11) 2-Methylnaphthalene-d10	12.121	152	5247	0.430	ng		-0.02
14) 2,4,6-Tribromophenol	15.870	330	578	0.254	ng		-0.01
15) 2-Fluorobiphenyl	13.003	172	7677	0.445	ng		-0.02
27) Fluoranthene-d10	19.160	212	6995	0.276	ng		0.00
31) Terphenyl-d14	19.764	244	4925	0.420	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	1101	0.311	ng	#	70
3) n-Nitrosodimethylamine	3.564	42	2329	0.379	ng	#	94
6) bis(2-Chloroethyl)ether	7.168	93	3290	0.350	ng		98
9) Naphthalene	10.584	128	7680	0.335	ng		99
10) Hexachlorobutadiene	10.872	225	1988	0.356	ng	#	99
12) 2-Methylnaphthalene	12.197	142	4877	0.324	ng		98
16) Acenaphthylene	14.099	152	7440	0.367	ng		99
17) Acenaphthene	14.441	154	4749	0.351	ng		99
18) Fluorene	15.425	166	6306	0.327	ng		99
20) 4,6-Dinitro-2-methylph...	15.523	198	513	0.287	ng	#	83
21) 4-Bromophenyl-phenylether	16.317	248	1918	0.353	ng		94
22) Hexachlorobenzene	16.441	284	2429	0.362	ng		98
23) Atrazine	16.602	200	1584	0.349	ng		98
24) Pentachlorophenol	16.789	266	1413	0.443	ng		98
25) Phenanthrene	17.161	178	9055	0.344	ng		100
26) Anthracene	17.260	178	8109	0.349	ng		99
28) Fluoranthene	19.188	202	9195	0.284	ng		100
30) Pyrene	19.555	202	9354	0.442	ng		100
32) Benzo(a)anthracene	21.295	228	6090	0.337	ng		99
33) Chrysene	21.349	228	7432	0.379	ng		100
34) Bis(2-ethylhexyl)phtha...	21.232	149	4389	0.389	ng		100
36) Indeno(1,2,3-cd)pyrene	25.870	276	6603m	0.375	ng		
37) Benzo(b)fluoranthene	22.897	252	5809	0.350	ng	#	92
38) Benzo(k)fluoranthene	22.940	252	6456	0.378	ng	#	92
39) Benzo(a)pyrene	23.481	252	5350	0.369	ng	#	89
40) Dibenzo(a,h)anthracene	25.893	278	4972	0.357	ng		93
41) Benzo(g,h,i)perylene	26.572	276	5231	0.332	ng		98

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

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