Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022425\
Data File : BN036502.D
Acq On : 24 Feb 2025 16:49
Operator : RC/JU
Sample : PB166832BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Quant Time: Feb 25 09:50:30 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 :
PB166832BS

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	7.746	152	3804	0.400	ng	0.00
7) Naphthalene-d8	10.530	136	9827	0.400	ng	#-0.01
13) Acenaphthene-d10	14.377	164	5679	0.400	ng	-0.01
19) Phenanthrene-d10	17.124	188	11615	0.400	ng	-0.01
29) Chrysene-d12	21.313	240	7487	0.400	ng	0.00
35) Perylene-d12	23.581	264	6852	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.341	112	3595	0.400	ng	0.00
5) Phenol-d6	6.923	99	4334	0.411	ng	-0.01
8) Nitrobenzene-d5	8.896	82	3206	0.331	ng	-0.01
11) 2-Methylnaphthalene-d10	12.126	152	5608m	0.371	ng	-0.02
14) 2,4,6-Tribromophenol	15.882	330	732	0.260	ng	0.00
15) 2-Fluorobiphenyl	13.003	172	9565	0.448	ng	-0.02
27) Fluoranthene-d10	19.160	212	9314	0.288	ng	0.00
31) Terphenyl-d14	19.763	244	6692	0.419	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.261	88	1215	0.292	ng	# 70
3) n-Nitrosodimethylamine	3.564	42	2529	0.350	ng	# 98
6) bis(2-Chloroethyl)ether	7.168	93	4059	0.368	ng	98
9) Naphthalene	10.583	128	9794	0.345	ng	99
10) Hexachlorobutadiene	10.872	225	2204	0.319	ng	# 98
12) 2-Methylnaphthalene	12.197	142	6207	0.334	ng	98
16) Acenaphthylene	14.099	152	9081	0.362	ng	99
17) Acenaphthene	14.441	154	5850	0.349	ng	99
18) Fluorene	15.435	166	7792	0.327	ng	100
20) 4,6-Dinitro-2-methylph...	15.510	198	638	0.280	ng	92
21) 4-Bromophenyl-phenylether	16.329	248	2285	0.330	ng	# 76
22) Hexachlorobenzene	16.441	284	2946	0.344	ng	98
23) Atrazine	16.602	200	1966	0.340	ng	97
24) Pentachlorophenol	16.788	266	2015	0.496	ng	99
25) Phenanthrene	17.161	178	11488	0.342	ng	100
26) Anthracene	17.260	178	10439	0.353	ng	99
28) Fluoranthene	19.192	202	11900	0.288	ng	99
30) Pyrene	19.550	202	12285	0.426	ng	100
32) Benzo(a)anthracene	21.295	228	9004	0.365	ng	99
33) Chrysene	21.348	228	9013	0.338	ng	100
34) Bis(2-ethylhexyl)phtha...	21.232	149	6239	0.406	ng	99
36) Indeno(1,2,3-cd)pyrene	25.879	276	8284	0.346	ng	96
37) Benzo(b)fluoranthene	22.899	252	7239	0.321	ng	# 87
38) Benzo(k)fluoranthene	22.943	252	7982	0.344	ng	# 89
39) Benzo(a)pyrene	23.484	252	7153	0.363	ng	# 88
40) Dibenzo(a,h)anthracene	25.899	278	6612	0.350	ng	# 92
41) Benzo(g,h,i)perylene	26.577	276	6714	0.313	ng	95

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

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