Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032725\
Data File : BN036754.D
Acq On : 28 Mar 2025 01:16
Operator : RC/JU
Sample : PB167232BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Mar 28 01:40:24 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 :
PB167232BS

Manual Integrations APPROVED

Reviewed By :Anahy Claudio 03/28/2025
Supervised By :Jagrut Upadhyay 04/01/2025

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.703	152	1547	0.400	ng		-0.02
7) Naphthalene-d8	10.487	136	3543	0.400	ng		-0.02
13) Acenaphthene-d10	14.345	164	1990	0.400	ng		-0.02
19) Phenanthrene-d10	17.086	188	4558	0.400	ng		#-0.02
29) Chrysene-d12	21.277	240	3774	0.400	ng		-0.02
35) Perylene-d12	23.522	264	3342	0.400	ng		-0.03
System Monitoring Compounds							
4) 2-Fluorophenol	5.298	112	1519	0.421	ng		-0.01
5) Phenol-d6	6.872	99	1739	0.390	ng		-0.03
8) Nitrobenzene-d5	8.854	82	1403	0.364	ng		-0.02
11) 2-Methylnaphthalene-d10	12.080	152	2255m	0.428	ng		-0.03
14) 2,4,6-Tribromophenol	15.845	330	385	0.426	ng		-0.01
15) 2-Fluorobiphenyl	12.963	172	4716	0.407	ng		-0.03
27) Fluoranthene-d10	19.122	212	4920	0.421	ng		-0.02
31) Terphenyl-d14	19.726	244	3549	0.392	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	640	0.373	ng	#	4
3) n-Nitrosodimethylamine	3.535	42	1568	0.452	ng		94
6) bis(2-Chloroethyl)ether	7.125	93	1785	0.388	ng		100
9) Naphthalene	10.530	128	4314	0.414	ng		97
10) Hexachlorobutadiene	10.829	225	1038	0.423	ng	#	98
12) 2-Methylnaphthalene	12.156	142	2710	0.409	ng		98
16) Acenaphthylene	14.056	152	4201	0.447	ng		99
17) Acenaphthene	14.398	154	2710	0.441	ng		100
18) Fluorene	15.392	166	3766	0.453	ng		100
20) 4,6-Dinitro-2-methylph...	15.489	198	352	0.448	ng	#	81
21) 4-Bromophenyl-phenylether	16.292	248	1221	0.428	ng	#	82
22) Hexachlorobenzene	16.404	284	1411	0.409	ng		97
23) Atrazine	16.565	200	1039	0.454	ng		94
24) Pentachlorophenol	16.751	266	929	0.591	ng		98
25) Phenanthrene	17.124	178	6147	0.450	ng		100
26) Anthracene	17.223	178	5654	0.458	ng		98
28) Fluoranthene	19.155	202	7284	0.474	ng		99
30) Pyrene	19.517	202	7541	0.409	ng		100
32) Benzo(a)anthracene	21.259	228	5618	0.428	ng		99
33) Chrysene	21.313	228	6823	0.476	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	3502	0.375	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.794	276	5692	0.472	ng		98
37) Benzo(b)fluoranthene	22.847	252	5584	0.459	ng		96
38) Benzo(k)fluoranthene	22.891	252	6025	0.472	ng		96
39) Benzo(a)pyrene	23.426	252	4879	0.476	ng	#	93
40) Dibenzo(a,h)anthracene	25.817	278	4207	0.448	ng		96
41) Benzo(g,h,i)perylene	26.478	276	4660	0.434	ng		95

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

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