Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN032825\
Data File : BN036804.D
Acq On : 29 Mar 2025 10:33
Operator : RC/JU
Sample : PB167295BS
Misc :
ALS Vial : 35 Sample Multiplier: 1

Quant Time: Mar 31 02:00:08 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 :
PB167295BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.696	152	1794	0.400	ng		-0.03
7) Naphthalene-d8	10.477	136	4263	0.400	ng		-0.03
13) Acenaphthene-d10	14.334	164	2364	0.400	ng		-0.03
19) Phenanthrene-d10	17.087	188	4802	0.400	ng		-0.02
29) Chrysene-d12	21.277	240	3163	0.400	ng		#-0.02
35) Perylene-d12	23.516	264	2660	0.400	ng		-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	1499	0.359	ng		-0.02
5) Phenol-d6	6.872	99	1778	0.344	ng		-0.03
8) Nitrobenzene-d5	8.843	82	1438	0.310	ng		-0.03
11) 2-Methylnaphthalene-d10	12.075	152	2355m	0.371	ng		-0.04
14) 2,4,6-Tribromophenol	15.833	330	302	0.282	ng		-0.02
15) 2-Fluorobiphenyl	12.958	172	4528	0.329	ng		-0.03
27) Fluoranthene-d10	19.118	212	4058	0.330	ng		-0.02
31) Terphenyl-d14	19.722	244	2773	0.366	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.225	88	629	0.316	ng	#	7
3) n-Nitrosodimethylamine	3.536	42	1653	0.411	ng	#	92
6) bis(2-Chloroethyl)ether	7.125	93	1798	0.337	ng		97
9) Naphthalene	10.530	128	4418	0.352	ng		98
10) Hexachlorobutadiene	10.819	225	1110	0.376	ng	#	97
12) 2-Methylnaphthalene	12.151	142	2851	0.357	ng		99
16) Acenaphthylene	14.056	152	4291	0.385	ng		99
17) Acenaphthene	14.398	154	2758	0.378	ng		99
18) Fluorene	15.393	166	3648	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.478	198	341	0.424	ng		89
21) 4-Bromophenyl-phenylether	16.280	248	1132	0.376	ng		98
22) Hexachlorobenzene	16.391	284	1372	0.378	ng		97
23) Atrazine	16.565	200	980	0.406	ng		95
24) Pentachlorophenol	16.739	266	579	0.350	ng		97
25) Phenanthrene	17.124	178	5643	0.392	ng		99
26) Anthracene	17.223	178	5086	0.391	ng		99
28) Fluoranthene	19.146	202	6015	0.372	ng		98
30) Pyrene	19.513	202	6044	0.391	ng		100
32) Benzo(a)anthracene	21.259	228	3999	0.364	ng		99
33) Chrysene	21.313	228	4976	0.414	ng		99
34) Bis(2-ethylhexyl)phtha...	21.196	149	2833	0.362	ng		99
36) Indeno(1,2,3-cd)pyrene	25.782	276	3938	0.410	ng		95
37) Benzo(b)fluoranthene	22.841	252	3780	0.390	ng		95
38) Benzo(k)fluoranthene	22.885	252	4216	0.415	ng		96
39) Benzo(a)pyrene	23.420	252	3467	0.425	ng	#	94
40) Dibenzo(a,h)anthracene	25.809	278	2985	0.399	ng		94
41) Benzo(g,h,i)perylene	26.469	276	3297	0.386	ng		98

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

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