Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036531.D
Acq On : 05 Mar 2025 19:18
Operator : RC/JU
Sample : PB166992BSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166992BSD

Manual Integrations APPROVED
Reviewed By :Anahy Claudio 03/06/2025
Supervised By :Jagrut Upadhyay 03/06/2025

Quant Time: Mar 06 00:03:06 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN021025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 05 16:08:57 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	1886	0.400	ng		0.00
7) Naphthalene-d8	10.520	136	4343	0.400	ng		0.01
13) Acenaphthene-d10	14.366	164	2423	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	4936	0.400	ng		0.00
29) Chrysene-d12	21.295	240	4101	0.400	ng	#	0.00
35) Perylene-d12	23.557	264	3858	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	1860	0.417	ng		0.00
5) Phenol-d6	6.908	99	2080	0.398	ng		0.00
8) Nitrobenzene-d5	8.875	82	1742	0.407	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	3306	0.495	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	407	0.339	ng		0.01
15) 2-Fluorobiphenyl	12.993	172	5633	0.618	ng		0.00
27) Fluoranthene-d10	19.146	212	5524	0.402	ng		0.00
31) Terphenyl-d14	19.750	244	4044	0.462	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.239	88	775	0.376	ng	#	58
3) n-Nitrosodimethylamine	3.550	42	1630	0.455	ng		91
6) bis(2-Chloroethyl)ether	7.154	93	2180	0.399	ng		97
9) Naphthalene	10.562	128	4933	0.394	ng		98
10) Hexachlorobutadiene	10.861	225	1251	0.410	ng	#	99
12) 2-Methylnaphthalene	12.187	142	3089	0.376	ng		97
16) Acenaphthylene	14.088	152	5041	0.471	ng		100
17) Acenaphthene	14.430	154	3166	0.443	ng		98
18) Fluorene	15.425	166	4113	0.404	ng		97
20) 4,6-Dinitro-2-methylph...	15.510	198	269	0.278	ng	#	81
21) 4-Bromophenyl-phenylether	16.317	248	1233	0.419	ng	#	81
22) Hexachlorobenzene	16.429	284	1525	0.419	ng		96
23) Atrazine	16.590	200	1087	0.442	ng		95
24) Pentachlorophenol	16.776	266	1113	0.645	ng		99
25) Phenanthrene	17.149	178	6334	0.444	ng		99
26) Anthracene	17.248	178	6001	0.477	ng		99
28) Fluoranthene	19.174	202	7495	0.428	ng		99
30) Pyrene	19.541	202	7760	0.491	ng		99
32) Benzo(a)anthracene	21.286	228	6200	0.459	ng		98
33) Chrysene	21.340	228	6883	0.471	ng		99
34) Bis(2-ethylhexyl)phtha...	21.214	149	3851	0.458	ng		99
36) Indeno(1,2,3-cd)pyrene	25.849	276	6430	0.477	ng		99
37) Benzo(b)fluoranthene	22.876	252	5588	0.440	ng		97
38) Benzo(k)fluoranthene	22.920	252	6525m	0.499	ng		
39) Benzo(a)pyrene	23.461	252	5395	0.487	ng		94
40) Dibenzo(a,h)anthracene	25.864	278	4774	0.449	ng		96
41) Benzo(g,h,i)perylene	26.542	276	5348	0.443	ng		98

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

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