Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030525\
Data File : BN036530.D
Acq On : 05 Mar 2025 18:43
Operator : RC/JU
Sample : PB166992BS
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Mar 06 00:02:42 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

Instrument :
BNA_N
ClientSampleId :
PB166992BS

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.732	152	2101	0.400	ng		0.00
7) Naphthalene-d8	10.519	136	4843	0.400	ng	#	0.01
13) Acenaphthene-d10	14.366	164	2666	0.400	ng		0.00
19) Phenanthrene-d10	17.111	188	5405	0.400	ng		0.00
29) Chrysene-d12	21.304	240	4446	0.400	ng		0.00
35) Perylene-d12	23.557	264	4016	0.400	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	2029	0.409	ng		0.00
5) Phenol-d6	6.908	99	2300	0.395	ng		0.00
8) Nitrobenzene-d5	8.875	82	1863	0.390	ng		0.00
11) 2-Methylnaphthalene-d10	12.111	152	3620	0.486	ng		0.00
14) 2,4,6-Tribromophenol	15.870	330	427	0.323	ng		0.01
15) 2-Fluorobiphenyl	12.993	172	5706	0.569	ng		0.00
27) Fluoranthene-d10	19.146	212	5870	0.391	ng		0.00
31) Terphenyl-d14	19.745	244	4336	0.457	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.247	88	828	0.360	ng	#	57
3) n-Nitrosodimethylamine	3.550	42	1790	0.448	ng		96
6) bis(2-Chloroethyl)ether	7.154	93	2444	0.401	ng		100
9) Naphthalene	10.562	128	5414	0.387	ng		98
10) Hexachlorobutadiene	10.861	225	1336	0.393	ng	#	98
12) 2-Methylnaphthalene	12.187	142	3418	0.373	ng		98
16) Acenaphthylene	14.088	152	5341	0.454	ng		99
17) Acenaphthene	14.430	154	3346	0.425	ng		100
18) Fluorene	15.414	166	4501	0.402	ng		98
20) 4,6-Dinitro-2-methylph...	15.510	198	276	0.260	ng	#	77
21) 4-Bromophenyl-phenylether	16.317	248	1308	0.406	ng	#	78
22) Hexachlorobenzene	16.429	284	1641	0.412	ng		96
23) Atrazine	16.590	200	1160	0.431	ng		97
24) Pentachlorophenol	16.776	266	1149	0.608	ng		98
25) Phenanthrene	17.148	178	6761	0.433	ng		100
26) Anthracene	17.248	178	6330	0.459	ng		99
28) Fluoranthene	19.174	202	7886	0.411	ng		100
30) Pyrene	19.536	202	8237	0.481	ng		99
32) Benzo(a)anthracene	21.286	228	6490	0.444	ng		99
33) Chrysene	21.340	228	7215	0.455	ng		99
34) Bis(2-ethylhexyl)phtha...	21.223	149	4333	0.475	ng	#	94
36) Indeno(1,2,3-cd)pyrene	25.844	276	6502	0.463	ng		99
37) Benzo(b)fluoranthene	22.879	252	5777	0.437	ng		94
38) Benzo(k)fluoranthene	22.923	252	6769m	0.497	ng		
39) Benzo(a)pyrene	23.458	252	5389	0.467	ng		92
40) Dibenzo(a,h)anthracene	25.867	278	4767	0.430	ng		93
41) Benzo(g,h,i)perylene	26.542	276	5159	0.411	ng		98

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

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