Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036126.D
Acq On : 30 Jan 2025 02:31
Operator : RC/JU
Sample : PB166297BS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166297BS

Quant Time: Jan 30 03:06:03 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN012225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 23 00:34:56 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.803	152	2324	0.400	ng		-0.01
7) Naphthalene-d8	10.590	136	5152	0.400	ng		#-0.02
13) Acenaphthene-d10	14.436	164	2819	0.400	ng		-0.01
19) Phenanthrene-d10	17.181	188	5724	0.400	ng		0.00
29) Chrysene-d12	21.375	240	4238	0.400	ng		# 0.00
35) Perylene-d12	23.671	264	4580	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.412	112	2438	0.403	ng		0.02
5) Phenol-d6	7.015	99	2900	0.409	ng		0.04
8) Nitrobenzene-d5	8.945	82	2099	0.432	ng		-0.01
11) 2-Methylnaphthalene-d10	12.182	152	4100	0.585	ng		-0.02
14) 2,4,6-Tribromophenol	15.940	330	549	0.304	ng		0.01
15) 2-Fluorobiphenyl	13.068	172	4785	0.380	ng		0.00
27) Fluoranthene-d10	19.220	212	5879	0.396	ng		0.00
31) Terphenyl-d14	19.815	244	4693	0.533	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.296	88	825	0.318	ng	#	73
3) n-Nitrosodimethylamine	3.607	42	1564	0.332	ng	#	73
6) bis(2-Chloroethyl)ether	7.225	93	2731	0.478	ng		98
9) Naphthalene	10.643	128	5912	0.395	ng		98
10) Hexachlorobutadiene	10.942	225	1671	0.346	ng	#	97
12) 2-Methylnaphthalene	12.258	142	3823	0.412	ng		97
16) Acenaphthylene	14.159	152	5477	0.410	ng		99
17) Acenaphthene	14.501	154	3594	0.393	ng		98
18) Fluorene	15.495	166	4479	0.391	ng		97
20) 4,6-Dinitro-2-methylph...	15.568	198	365	0.273	ng		95
21) 4-Bromophenyl-phenylether	16.387	248	1543	0.378	ng		94
22) Hexachlorobenzene	16.499	284	1982	0.369	ng		98
23) Atrazine	16.647	200	1189	0.404	ng		94
24) Pentachlorophenol	16.846	266	1244	0.535	ng		97
25) Phenanthrene	17.231	178	6947	0.404	ng		99
26) Anthracene	17.318	178	6389	0.408	ng		100
28) Fluoranthene	19.248	202	7362	0.364	ng		99
30) Pyrene	19.610	202	7662	0.446	ng		100
32) Benzo(a)anthracene	21.358	228	6274	0.408	ng		99
33) Chrysene	21.402	228	6273	0.399	ng		98
34) Bis(2-ethylhexyl)phtha...	21.286	149	4400	0.522	ng		97
36) Indeno(1,2,3-cd)pyrene	26.013	276	7961	0.433	ng		99
37) Benzo(b)fluoranthene	22.976	252	6217	0.373	ng	#	87
38) Benzo(k)fluoranthene	23.022	252	6456	0.385	ng	#	86
39) Benzo(a)pyrene	23.572	252	5942	0.418	ng	#	87
40) Dibenzo(a,h)anthracene	26.031	278	6235	0.426	ng		93
41) Benzo(g,h,i)perylene	26.727	276	6298	0.394	ng		97

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

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