Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN012925\
Data File : BN036127.D
Acq On : 30 Jan 2025 03:07
Operator : RC/JU
Sample : PB166297BSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB166297BSD

Quant Time: Jan 30 03:51:19 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	2359	0.400	ng	-0.01
7) Naphthalene-d8	10.590	136	5174	0.400	ng	#-0.02
13) Acenaphthene-d10	14.442	164	2851	0.400	ng	0.00
19) Phenanthrene-d10	17.186	188	6109	0.400	ng	# 0.00
29) Chrysene-d12	21.367	240	4365	0.400	ng	0.00
35) Perylene-d12	23.672	264	4649	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.412	112	2425	0.395	ng	0.02
5) Phenol-d6	7.008	99	2832	0.393	ng	0.04
8) Nitrobenzene-d5	8.945	82	2059	0.422	ng	-0.01
11) 2-Methylnaphthalene-d10	12.187	152	4030	0.573	ng	-0.01
14) 2,4,6-Tribromophenol	15.933	330	554	0.303	ng	0.00
15) 2-Fluorobiphenyl	13.062	172	4749	0.373	ng	0.00
27) Fluoranthene-d10	19.221	212	6292	0.398	ng	0.00
31) Terphenyl-d14	19.815	244	4977	0.549	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.296	88	796	0.302	ng	# 81
3) n-Nitrosodimethylamine	3.607	42	1674	0.350	ng	# 81
6) bis(2-Chloroethyl)ether	7.225	93	2660	0.459	ng	98
9) Naphthalene	10.643	128	5830	0.388	ng	98
10) Hexachlorobutadiene	10.942	225	1628	0.335	ng	# 97
12) 2-Methylnaphthalene	12.258	142	3738	0.401	ng	96
16) Acenaphthylene	14.153	152	5520	0.408	ng	99
17) Acenaphthene	14.506	154	3625	0.392	ng	98
18) Fluorene	15.489	166	4779	0.412	ng	99
20) 4,6-Dinitro-2-methylph...	15.573	198	378	0.265	ng	93
21) 4-Bromophenyl-phenylether	16.379	248	1534	0.353	ng	# 84
22) Hexachlorobenzene	16.491	284	2010	0.351	ng	98
23) Atrazine	16.653	200	1254	0.399	ng	96
24) Pentachlorophenol	16.851	266	1309	0.528	ng	97
25) Phenanthrene	17.224	178	7274	0.396	ng	100
26) Anthracene	17.310	178	6568	0.393	ng	99
28) Fluoranthene	19.248	202	7852	0.364	ng	99
30) Pyrene	19.611	202	8088	0.457	ng	99
32) Benzo(a)anthracene	21.358	228	6389	0.404	ng	99
33) Chrysene	21.403	228	6455	0.399	ng	100
34) Bis(2-ethylhexyl)phtha...	21.286	149	4596	0.530	ng	98
36) Indeno(1,2,3-cd)pyrene	26.020	276	7883	0.423	ng	98
37) Benzo(b)fluoranthene	22.976	252	6234	0.369	ng	# 87
38) Benzo(k)fluoranthene	23.020	252	6275	0.368	ng	# 86
39) Benzo(a)pyrene	23.570	252	5915	0.410	ng	# 87
40) Dibenzo(a,h)anthracene	26.031	278	6282	0.422	ng	93
41) Benzo(g,h,i)perylene	26.733	276	6224	0.384	ng	97

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

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