Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN010725\
Data File : BN035901.D
Acq On : 07 Jan 2025 17:55
Operator : RC/JU
Sample : PB165971BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB165971BSD

Quant Time: Jan 07 22:16:25 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN010225.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 02 15:39:17 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.832	152	1875	0.400	ng	0.00
7) Naphthalene-d8	10.622	136	3596	0.400	ng	0.00
13) Acenaphthene-d10	14.463	164	1733	0.400	ng	0.00
19) Phenanthrene-d10	17.199	188	3028	0.400	ng	#-0.01
29) Chrysene-d12	21.376	240	2486	0.400	ng	# 0.00
35) Perylene-d12	23.684	264	2806	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.405	112	1730	0.376	ng	0.00
5) Phenol-d6	6.987	99	2031	0.356	ng	0.00
8) Nitrobenzene-d5	8.978	82	1348	0.473	ng	0.00
11) 2-Methylnaphthalene-d10	12.213	152	2242	0.466	ng	0.00
14) 2,4,6-Tribromophenol	15.945	330	232	0.279	ng	-0.01
15) 2-Fluorobiphenyl	13.095	172	3415	0.449	ng	0.00
27) Fluoranthene-d10	19.230	212	3297	0.439	ng	0.00
31) Terphenyl-d14	19.834	244	2319	0.468	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.325	88	764	0.410	ng	# 81
3) n-Nitrosodimethylamine	3.628	42	1419	0.437	ng	# 96
6) bis(2-Chloroethyl)ether	7.247	93	1969	0.452	ng	97
9) Naphthalene	10.675	128	4264	0.422	ng	98
10) Hexachlorobutadiene	10.974	225	1352	0.413	ng	# 98
12) 2-Methylnaphthalene	12.289	142	2656	0.425	ng	99
16) Acenaphthylene	14.185	152	3647	0.447	ng	99
17) Acenaphthene	14.527	154	2338	0.437	ng	98
18) Fluorene	15.511	166	2382	0.405	ng	97
20) 4,6-Dinitro-2-methylph...	15.573	198	249	0.473	ng	# 80
21) 4-Bromophenyl-phenylether	16.404	248	932	0.449	ng	# 81
22) Hexachlorobenzene	16.516	284	1277	0.451	ng	99
23) Atrazine	16.665	200	589	0.423	ng	# 90
24) Pentachlorophenol	16.851	266	801	0.799	ng	97
25) Phenanthrene	17.248	178	3951	0.447	ng	99
26) Anthracene	17.335	178	3595	0.447	ng	98
28) Fluoranthene	19.262	202	4014	0.390	ng	99
30) Pyrene	19.620	202	4104	0.407	ng	99
32) Benzo(a)anthracene	21.367	228	3686	0.421	ng	99
33) Chrysene	21.412	228	3818	0.417	ng	99
34) Bis(2-ethylhexyl)phtha...	21.313	149	1455	0.408	ng	98
36) Indeno(1,2,3-cd)pyrene	26.037	276	4882	0.441	ng	98
37) Benzo(b)fluoranthene	22.988	252	3872	0.402	ng	98
38) Benzo(k)fluoranthene	23.035	252	4029	0.422	ng	99
39) Benzo(a)pyrene	23.581	252	3670	0.440	ng	100
40) Dibenzo(a,h)anthracene	26.055	278	3785	0.430	ng	99
41) Benzo(g,h,i)perylene	26.750	276	3870	0.393	ng	97

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

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