Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051623\
Data File : BN025444.D
Acq On : 16 May 2023 15:36
Operator : CG/JU
Sample : PB152832BS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152832BS

Quant Time: May 17 03:32:56 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 17 02:52:36 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.092	152	4008	0.400	ng		0.00
7) Naphthalene-d8	10.910	136	11481	0.400	ng		0.00
13) Acenaphthene-d10	14.716	164	6858	0.400	ng		0.00
19) Phenanthrene-d10	17.460	188	15470	0.400	ng		0.00
29) Chrysene-d12	21.652	240	12720	0.400	ng		0.00
35) Perylene-d12	24.179	264	13636	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.622	112	3779	0.439	ng		0.00
5) Phenol-d6	7.232	99	4989	0.432	ng		0.00
8) Nitrobenzene-d5	9.255	82	3619	0.461	ng		0.00
11) 2-Methylnaphthalene-d10	12.491	152	6901	0.430	ng		0.00
14) 2,4,6-Tribromophenol	16.206	330	1036	0.446	ng		0.00
15) 2-Fluorobiphenyl	13.347	172	11745	0.468	ng		-0.01
27) Fluoranthene-d10	19.486	212	15421	0.419	ng		0.00
31) Terphenyl-d14	20.085	244	10323	0.447	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.462	88	1756	0.468	ng		98
3) n-Nitrosodimethylamine	3.809	42	1541	0.338	ng	#	98
6) bis(2-Chloroethyl)ether	7.500	93	5555	0.368	ng		99
9) Naphthalene	10.963	128	12766	0.446	ng		100
10) Hexachlorobutadiene	11.252	225	2480	0.442	ng	#	100
12) 2-Methylnaphthalene	12.563	142	9191	0.436	ng		100
16) Acenaphthylene	14.438	152	13894	0.439	ng		100
17) Acenaphthene	14.780	154	8738	0.445	ng		99
18) Fluorene	15.759	166	11685	0.452	ng		98
20) 4,6-Dinitro-2-methylph...	15.834	198	944	0.496	ng		83
21) 4-Bromophenyl-phenylether	16.653	248	3985	0.444	ng		99
22) Hexachlorobenzene	16.765	284	3730	0.448	ng		98
23) Atrazine	16.914	200	3162	0.419	ng		100
24) Pentachlorophenol	17.125	266	888	0.422	ng		99
25) Phenanthrene	17.497	178	19313	0.444	ng		100
26) Anthracene	17.596	178	17951	0.426	ng		100
28) Fluoranthene	19.515	202	22156	0.430	ng		99
30) Pyrene	19.878	202	22423	0.462	ng		100
32) Benzo(a)anthracene	21.634	228	20065	0.449	ng		99
33) Chrysene	21.688	228	21225	0.478	ng		99
34) Bis(2-ethylhexyl)phtha...	21.563	149	10887	0.416	ng		100
36) Indeno(1,2,3-cd)pyrene	26.837	276	24107	0.437	ng	#	85
37) Benzo(b)fluoranthene	23.410	252	20299	0.425	ng		100
38) Benzo(k)fluoranthene	23.460	252	21436	0.437	ng		99
39) Benzo(a)pyrene	24.074	252	19048	0.418	ng		100
40) Dibenzo(a,h)anthracene	26.869	278	19676	0.445	ng		98
41) Benzo(g,h,i)perylene	27.658	276	21014	0.450	ng		99

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

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