Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051823\
Data File : BN025479.D
Acq On : 18 May 2023 18:47
Operator : CG/JU
Sample : PB152549BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152549BS

Quant Time: May 19 02:43:40 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 19 02:17:42 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.077	152	4286	0.400	ng		0.00
7) Naphthalene-d8	10.899	136	12231	0.400	ng		0.00
13) Acenaphthene-d10	14.705	164	7378	0.400	ng		0.00
19) Phenanthrene-d10	17.447	188	16516	0.400	ng		0.00
29) Chrysene-d12	21.629	240	12589	0.400	ng		0.00
35) Perylene-d12	24.151	264	12342	0.400	ng		# 0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.614	112	4506	0.466	ng		0.00
5) Phenol-d6	7.218	99	5643	0.454	ng		0.00
8) Nitrobenzene-d5	9.234	82	4553	0.466	ng		0.00
11) 2-Methylnaphthalene-d10	12.475	152	7910	0.465	ng		0.00
14) 2,4,6-Tribromophenol	16.194	330	1296	0.450	ng		0.00
15) 2-Fluorobiphenyl	13.336	172	13731	0.486	ng		0.00
27) Fluoranthene-d10	19.468	212	17000	0.446	ng		0.00
31) Terphenyl-d14	20.062	244	12020	0.537	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.455	88	2102	0.481	ng		99
3) n-Nitrosodimethylamine	3.787	42	2131	0.442	ng		94
6) bis(2-Chloroethyl)ether	7.492	93	5900	0.489	ng		98
9) Naphthalene	10.953	128	14788	0.475	ng		99
10) Hexachlorobutadiene	11.241	225	2796	0.473	ng	#	99
12) 2-Methylnaphthalene	12.551	142	10572	0.470	ng		100
16) Acenaphthylene	14.427	152	15579	0.462	ng		100
17) Acenaphthene	14.769	154	10474	0.471	ng		99
18) Fluorene	15.747	166	13530	0.492	ng		97
20) 4,6-Dinitro-2-methylph...	15.821	198	1501	0.437	ng	#	79
21) 4-Bromophenyl-phenylether	16.640	248	4551	0.468	ng		99
22) Hexachlorobenzene	16.752	284	4226	0.465	ng		98
23) Atrazine	16.901	200	3546	0.448	ng		99
24) Pentachlorophenol	17.100	266	1742	0.380	ng		99
25) Phenanthrene	17.484	178	22501	0.465	ng		100
26) Anthracene	17.584	178	20588	0.455	ng		100
28) Fluoranthene	19.498	202	25070	0.456	ng		100
30) Pyrene	19.861	202	25172	0.501	ng		100
32) Benzo(a)anthracene	21.611	228	21845	0.479	ng		100
33) Chrysene	21.665	228	22609	0.500	ng		99
34) Bis(2-ethylhexyl)phtha...	21.531	149	12007	0.448	ng		99
36) Indeno(1,2,3-cd)pyrene	26.800	276	21832	0.437	ng		99
37) Benzo(b)fluoranthene	23.373	252	21279	0.465	ng		98
38) Benzo(k)fluoranthene	23.426	252	22212	0.474	ng		99
39) Benzo(a)pyrene	24.031	252	19154	0.444	ng		97
40) Dibenzo(a,h)anthracene	26.829	278	17547	0.439	ng		98
41) Benzo(g,h,i)perylene	27.612	276	18436	0.437	ng		100

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

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