Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040722\
Data File : BN019384.D
Acq On : 07 Apr 2022 19:41
Operator : CG/JU
Sample : PB143945BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB143945BSD

Quant Time: Apr 08 06:17:48 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN040422.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 04 17:40:00 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.826	152	4370	0.400	ng		0.00
7) Naphthalene-d8	10.626	136	14566	0.400	ng	#	0.00
13) Acenaphthene-d10	14.463	164	9148	0.400	ng		0.00
19) Phenanthrene-d10	17.205	188	18474	0.400	ng		0.00
29) Chrysene-d12	21.395	240	15070	0.400	ng	#	0.00
35) Perylene-d12	23.747	264	11700	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.384	112	4124	0.352	ng		0.00
5) Phenol-d6	6.995	99	5048	0.358	ng		0.00
8) Nitrobenzene-d5	8.982	82	3884	0.293	ng		0.00
11) 2-Methylnaphthalene-d10	12.223	152	8820	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.964	330	1480	0.266	ng		0.01
15) 2-Fluorobiphenyl	13.095	172	12625	0.332	ng		0.00
27) Fluoranthene-d10	19.240	212	20534	0.345	ng		0.00
31) Terphenyl-d14	19.834	244	12013	0.367	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.218	88	1395	0.267	ng		95
3) n-Nitrosodimethylamine	3.550	42	1947	0.281	ng	#	97
6) bis(2-Chloroethyl)ether	7.241	93	4761	0.336	ng		97
9) Naphthalene	10.680	128	14956	0.348	ng		99
10) Hexachlorobutadiene	10.979	225	3516	0.375	ng	#	100
12) 2-Methylnaphthalene	12.299	142	10152	0.341	ng		99
16) Acenaphthylene	14.185	152	15408	0.339	ng		100
17) Acenaphthene	14.527	154	10273	0.340	ng		98
18) Fluorene	15.511	166	12824	0.322	ng		100
20) 4,6-Dinitro-2-methylph...	15.618	198	127	0.037	ng	#	1
21) 4-Bromophenyl-phenylether	16.405	248	4013	0.323	ng		97
22) Hexachlorobenzene	16.528	284	5299	0.364	ng		100
23) Atrazine	16.661	200	3009	0.293	ng		98
24) Pentachlorophenol	16.867	266	871	0.154	ng		97
25) Phenanthrene	17.246	178	20316	0.328	ng		100
26) Anthracene	17.338	178	17411	0.319	ng		99
28) Fluoranthene	19.270	202	24896	0.339	ng		99
30) Pyrene	19.632	202	26282	0.375	ng		99
32) Benzo(a)anthracene	21.378	228	18025	0.324	ng		99
33) Chrysene	21.431	228	21157	0.342	ng		100
34) Bis(2-ethylhexyl)phtha...	21.306	149	15519	0.375	ng		100
36) Indeno(1,2,3-cd)pyrene	26.176	276	14337	0.293	ng	#	80
37) Benzo(b)fluoranthene	23.030	252	15076m	0.329	ng		
38) Benzo(k)fluoranthene	23.077	252	15273	0.319	ng		95
39) Benzo(a)pyrene	23.644	252	13700	0.333	ng	#	81
40) Dibenzo(a,h)anthracene	26.200	278	11139	0.294	ng	#	91
41) Benzo(g,h,i)perylene	26.925	276	14202	0.313	ng		99

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

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