Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051123\
Data File : BN025414.D
Acq On : 11 May 2023 23:43
Operator : CG/JU
Sample : PB152744BS
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152744BS

Quant Time: May 12 04:11:51 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN051123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 12 00:57:16 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.897	152	8177	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	26611	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	15402	0.400	ng		0.00
19) Phenanthrene-d10	17.298	188	31863	0.400	ng		0.00
29) Chrysene-d12	21.491	240	21916	0.400	ng	#	0.00
35) Perylene-d12	23.910	264	20538	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.455	112	7864	0.415	ng		0.00
5) Phenol-d6	7.073	99	10823	0.420	ng		0.00
8) Nitrobenzene-d5	9.084	82	8794	0.409	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	15162	0.432	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	3240	0.394	ng		-0.01
15) 2-Fluorobiphenyl	13.176	172	23462	0.439	ng		0.00
27) Fluoranthene-d10	19.330	212	29710	0.407	ng		0.00
31) Terphenyl-d14	19.920	244	23711	0.449	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.310	88	3412	0.452	ng		98
3) n-Nitrosodimethylamine	3.650	42	5439	0.449	ng	#	94
6) bis(2-Chloroethyl)ether	7.326	93	7899	0.402	ng		97
9) Naphthalene	10.760	128	28803	0.430	ng		100
10) Hexachlorobutadiene	11.038	225	5696	0.438	ng	#	99
12) 2-Methylnaphthalene	12.374	142	19671	0.425	ng		98
16) Acenaphthylene	14.266	152	29888	0.418	ng		99
17) Acenaphthene	14.608	154	18708	0.442	ng		99
18) Fluorene	15.592	166	24225	0.432	ng		99
20) 4,6-Dinitro-2-methylph...	15.722	198	483	0.448	ng		83
21) 4-Bromophenyl-phenylether	16.479	248	7621	0.424	ng	#	77
22) Hexachlorobenzene	16.603	284	8713	0.439	ng		100
23) Atrazine	16.752	200	5657	0.388	ng		98
24) Pentachlorophenol	16.963	266	2953	0.370	ng		98
25) Phenanthrene	17.336	178	36822	0.427	ng		99
26) Anthracene	17.435	178	34026	0.407	ng		100
28) Fluoranthene	19.359	202	40824	0.409	ng		100
30) Pyrene	19.722	202	40672	0.440	ng		100
32) Benzo(a)anthracene	21.473	228	31468	0.421	ng		97
33) Chrysene	21.527	228	33148	0.457	ng		96
34) Bis(2-ethylhexyl)phtha...	21.374	149	27447	0.381	ng		100
36) Indeno(1,2,3-cd)pyrene	26.424	276	32288	0.428	ng		99
37) Benzo(b)fluoranthene	23.170	252	27427	0.407	ng	#	91
38) Benzo(k)fluoranthene	23.220	252	28716	0.414	ng	#	91
39) Benzo(a)pyrene	23.805	252	27500	0.419	ng	#	89
40) Dibenzo(a,h)anthracene	26.439	278	25699	0.427	ng	#	91
41) Benzo(g,h,i)perylene	27.202	276	27725	0.436	ng		94

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

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