Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071422\
Data File : BN020742.D
Acq On : 14 Jul 2022 18:31
Operator : CG/JU
Sample : PB146225BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB146225BSD

Quant Time: Jul 15 02:51:19 2022
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN062622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jul 02 03:10:12 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.818	152	2470	0.400	ng		0.00
7) Naphthalene-d8	10.616	136	9439	0.400	ng		#-0.01
13) Acenaphthene-d10	14.474	164	5357	0.400	ng		0.00
19) Phenanthrene-d10	17.225	188	13421	0.400	ng		0.00
29) Chrysene-d12	21.431	240	12119	0.400	ng		# 0.00
35) Perylene-d12	23.779	264	10643	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.406	112	2491	0.363	ng		0.00
5) Phenol-d6	7.016	99	3047	0.372	ng		-0.01
8) Nitrobenzene-d5	8.982	82	2478	0.324	ng		-0.01
11) 2-Methylnaphthalene-d10	12.219	152	5579	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.974	330	601	0.298	ng		0.00
15) 2-Fluorobiphenyl	13.095	172	8158	0.369	ng		-0.01
27) Fluoranthene-d10	19.261	212	13679	0.343	ng		0.00
31) Terphenyl-d14	19.868	244	9809	0.339	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.254	88	1182	0.365	ng		96
3) n-Nitrosodimethylamine	3.600	42	1166	0.395	ng	#	96
6) bis(2-Chloroethyl)ether	7.248	93	2866	0.407	ng		100
9) Naphthalene	10.669	128	9781	0.347	ng		98
10) Hexachlorobutadiene	10.957	225	1696	0.330	ng	#	99
12) 2-Methylnaphthalene	12.291	142	6561	0.350	ng		99
16) Acenaphthylene	14.185	152	9133	0.355	ng		99
17) Acenaphthene	14.527	154	5643	0.322	ng		95
18) Fluorene	15.521	166	7748	0.339	ng		98
20) 4,6-Dinitro-2-methylph...	15.639	198	432	0.390	ng	#	59
21) 4-Bromophenyl-phenylether	16.415	248	2205	0.283	ng		97
22) Hexachlorobenzene	16.538	284	2471	0.286	ng		98
23) Atrazine	16.692	200	1577	0.256	ng		96
24) Pentachlorophenol	16.887	266	785	0.467	ng		98
25) Phenanthrene	17.266	178	14782	0.327	ng		100
26) Anthracene	17.359	178	12190	0.312	ng		100
28) Fluoranthene	19.291	202	17298	0.350	ng		99
30) Pyrene	19.657	202	17775	0.346	ng		100
32) Benzo(a)anthracene	21.413	228	14100	0.326	ng		99
33) Chrysene	21.467	228	17029	0.355	ng		99
34) Bis(2-ethylhexyl)phtha...	21.351	149	7870	0.323	ng		98
36) Indeno(1,2,3-cd)pyrene	26.214	276	15162	0.320	ng		98
37) Benzo(b)fluoranthene	23.065	252	14888	0.363	ng		96
38) Benzo(k)fluoranthene	23.112	252	15348	0.352	ng		96
39) Benzo(a)pyrene	23.676	252	12183	0.343	ng	#	91
40) Dibenzo(a,h)anthracene	26.232	278	11962	0.315	ng		96
41) Benzo(g,h,i)perylene	26.957	276	13117	0.316	ng		99

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

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