Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040323\
Data File : BN024733.D
Acq On : 03 Apr 2023 17:20
Operator : CG/JU
Sample : PB151661BSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB151661BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 04/04/2023
Supervised By :Jagrut Upadhyay 04/04/2023

Quant Time: Apr 04 03:56:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN040323.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 04 03:11:39 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.997	152	8554	0.400	ng		0.00
7) Naphthalene-d8	10.813	136	24126	0.400	ng	#	0.01
13) Acenaphthene-d10	14.633	164	12480	0.400	ng		0.00
19) Phenanthrene-d10	17.376	188	25901	0.400	ng		0.00
29) Chrysene-d12	21.565	240	16970	0.400	ng		0.00
35) Perylene-d12	24.027	264	13228	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.541	112	7975	0.410	ng		0.00
5) Phenol-d6	7.152	99	10203	0.417	ng		0.00
8) Nitrobenzene-d5	9.158	82	7890	0.419	ng		0.00
11) 2-Methylnaphthalene-d10	12.391	152	12659	0.409	ng		0.00
14) 2,4,6-Tribromophenol	16.122	330	2094	0.390	ng		0.00
15) 2-Fluorobiphenyl	13.253	172	20847	0.428	ng		0.00
27) Fluoranthene-d10	19.404	212	21605	0.394	ng		0.00
31) Terphenyl-d14	19.998	244	21164	0.432	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	3721	0.421	ng		98
3) n-Nitrosodimethylamine	3.735	42	6279	0.424	ng		98
6) bis(2-Chloroethyl)ether	7.412	93	9914	0.412	ng		100
9) Naphthalene	10.855	128	25871	0.415	ng		99
10) Hexachlorobutadiene	11.144	225	5269	0.425	ng	#	99
12) 2-Methylnaphthalene	12.463	142	17118	0.409	ng		98
16) Acenaphthylene	14.355	152	20452	0.393	ng		99
17) Acenaphthene	14.697	154	15028m	0.416	ng		
18) Fluorene	15.680	166	20559	0.416	ng		100
20) 4,6-Dinitro-2-methylph...	15.762	198	697	0.444	ng	#	77
21) 4-Bromophenyl-phenylether	16.569	248	6243	0.402	ng		97
22) Hexachlorobenzene	16.680	284	7615	0.417	ng		99
23) Atrazine	16.829	200	3737	0.395	ng		99
24) Pentachlorophenol	17.028	266	2086	0.324	ng		99
25) Phenanthrene	17.413	178	30743	0.411	ng		100
26) Anthracene	17.512	178	24887	0.384	ng		99
28) Fluoranthene	19.438	202	31299	0.393	ng		99
30) Pyrene	19.800	202	31390	0.440	ng		100
32) Benzo(a)anthracene	21.547	228	22747	0.418	ng		99
33) Chrysene	21.601	228	26025	0.433	ng		99
34) Bis(2-ethylhexyl)phtha...	21.458	149	10445	0.429	ng		100
36) Indeno(1,2,3-cd)pyrene	26.594	276	21038	0.419	ng		98
37) Benzo(b)fluoranthene	23.272	252	22227	0.413	ng		98
38) Benzo(k)fluoranthene	23.322	252	21567m	0.402	ng		
39) Benzo(a)pyrene	23.915	252	19652	0.431	ng		96
40) Dibenzo(a,h)anthracene	26.617	278	16278	0.412	ng		99
41) Benzo(g,h,i)perylene	27.389	276	18423	0.398	ng		100

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

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