Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025352.D
Acq On : 09 May 2023 03:56
Operator : CG/JU
Sample : PB152630BSD
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152630BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/09/2023
Supervised By :Jagrut Upadhyay 05/09/2023

Quant Time: May 09 06:18:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 09 06:15:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.904	152	7435	0.400	ng		0.00
7) Naphthalene-d8	10.707	136	24205	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	13568	0.400	ng		0.00
19) Phenanthrene-d10	17.299	188	28462	0.400	ng		0.00
29) Chrysene-d12	21.486	240	26211	0.400	ng	#	0.00
35) Perylene-d12	23.911	264	23834	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.456	112	7270	0.402	ng		0.00
5) Phenol-d6	7.073	99	10618	0.468	ng		0.00
8) Nitrobenzene-d5	9.074	82	8386	0.421	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	14531	0.439	ng		0.00
14) 2,4,6-Tribromophenol	16.045	330	2809	0.405	ng		0.00
15) 2-Fluorobiphenyl	13.176	172	22930	0.493	ng		0.00
27) Fluoranthene-d10	19.330	212	30329	0.431	ng		0.00
31) Terphenyl-d14	19.924	244	25066	0.474	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.318	88	3132	0.401	ng		97
3) n-Nitrosodimethylamine	3.650	42	5104	0.428	ng	#	96
6) bis(2-Chloroethyl)ether	7.326	93	8150	0.407	ng		96
9) Naphthalene	10.761	128	28284	0.455	ng		98
10) Hexachlorobutadiene	11.038	225	5493	0.468	ng	#	98
12) 2-Methylnaphthalene	12.374	142	19206	0.437	ng		99
16) Acenaphthylene	14.267	152	27739	0.457	ng		100
17) Acenaphthene	14.609	154	17410	0.461	ng		100
18) Fluorene	15.592	166	21299	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.722	198	309	0.330	ng		85
21) 4-Bromophenyl-phenylether	16.492	248	6632	0.418	ng	#	76
22) Hexachlorobenzene	16.603	284	7772	0.454	ng		100
23) Atrazine	16.752	200	4930	0.355	ng		99
24) Pentachlorophenol	16.963	266	3173	0.745	ng		92
25) Phenanthrene	17.336	178	34503	0.438	ng		100
26) Anthracene	17.435	178	31688	0.430	ng		100
28) Fluoranthene	19.359	202	42092	0.428	ng		100
30) Pyrene	19.726	202	44527	0.497	ng		100
32) Benzo(a)anthracene	21.468	228	40720	0.460	ng		99
33) Chrysene	21.531	228	41648	0.472	ng		99
34) Bis(2-ethylhexyl)phtha...	21.379	149	25390	0.365	ng		98
36) Indeno(1,2,3-cd)pyrene	26.429	276	36441m	0.381	ng		
37) Benzo(b)fluoranthene	23.172	252	36260	0.480	ng		97
38) Benzo(k)fluoranthene	23.221	252	37120	0.469	ng		98
39) Benzo(a)pyrene	23.806	252	34529	0.446	ng		98
40) Dibenzo(a,h)anthracene	26.446	278	29661m	0.393	ng		
41) Benzo(g,h,i)perylene	27.203	276	30426	0.367	ng		100

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

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