Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025686.D
Acq On : 28 May 2023 18:01
Operator : CG/JU
Sample : PB152962BS
Misc :
ALS Vial : 84 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB152962BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Yogesh Patel 05/31/2023

Quant Time: May 29 01:40:27 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 29 00:47:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.019	152	5700	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	16246	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	9231	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	18717	0.400	ng	#	0.00
29) Chrysene-d12	21.578	240	10216	0.400	ng		0.00
35) Perylene-d12	24.075	264	9108	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.557	112	5932	0.406	ng		0.00
5) Phenol-d6	7.167	99	7159	0.409	ng		0.00
8) Nitrobenzene-d5	9.180	82	5309	0.390	ng		-0.01
11) 2-Methylnaphthalene-d10	12.419	152	9529	0.411	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	909	0.487	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	15654	0.411	ng		0.00
27) Fluoranthene-d10	19.421	212	16753	0.395	ng		0.00
31) Terphenyl-d14	20.015	244	10180	0.455	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.397	88	2910	0.441	ng		98
3) n-Nitrosodimethylamine	3.744	42	2325	0.327	ng	#	90
6) bis(2-Chloroethyl)ether	7.434	93	7484	0.415	ng		98
9) Naphthalene	10.889	128	18471	0.416	ng		99
10) Hexachlorobutadiene	11.166	225	3191	0.414	ng	#	98
12) 2-Methylnaphthalene	12.495	142	12606	0.412	ng		99
16) Acenaphthylene	14.373	152	17552	0.403	ng		99
17) Acenaphthene	14.715	154	11921	0.415	ng		100
18) Fluorene	15.693	166	15609	0.411	ng		100
20) 4,6-Dinitro-2-methylph...	15.780	198	1065	0.520	ng	#	70
21) 4-Bromophenyl-phenylether	16.586	248	4434	0.417	ng	#	88
22) Hexachlorobenzene	16.698	284	4073	0.419	ng		99
23) Atrazine	16.847	200	3360	0.396	ng		95
24) Pentachlorophenol	17.070	266	524	0.743	ng	#	85
25) Phenanthrene	17.430	178	23977	0.421	ng		100
26) Anthracene	17.530	178	20844	0.405	ng		99
28) Fluoranthene	19.453	202	24403	0.393	ng		100
30) Pyrene	19.816	202	24534	0.493	ng		99
32) Benzo(a)anthracene	21.560	228	15203	0.399	ng		99
33) Chrysene	21.614	228	18192	0.441	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	10302	0.445	ng		100
36) Indeno(1,2,3-cd)pyrene	26.671	276	16048	0.459	ng	#	60
37) Benzo(b)fluoranthene	23.306	252	14382	0.415	ng		99
38) Benzo(k)fluoranthene	23.358	252	15693m	0.435	ng		
39) Benzo(a)pyrene	23.961	252	13986	0.422	ng		96
40) Dibenzo(a,h)anthracene	26.703	278	12378	0.448	ng		99
41) Benzo(g,h,i)perylene	27.472	276	14527	0.460	ng		98

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

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