Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052623\
Data File : BN025628.D
Acq On : 27 May 2023 03:54
Operator : CG/JU
Sample : 02852-16MS
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
CB-32-G3-SO-69.5-051823MS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

Quant Time: May 27 04:45:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN052623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 27 03:51:06 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.027	152	7914	0.400	ng		0.00
7) Naphthalene-d8	10.835	136	22124	0.400	ng		#-0.01
13) Acenaphthene-d10	14.651	164	11178	0.400	ng		0.00
19) Phenanthrene-d10	17.393	188	19573	0.400	ng		0.00
29) Chrysene-d12	21.578	240	9574	0.400	ng		0.00
35) Perylene-d12	24.072	264	8394	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.564	112	5838	0.288	ng		0.00
5) Phenol-d6	7.174	99	7271	0.299	ng		0.00
8) Nitrobenzene-d5	9.180	82	5469	0.295	ng		-0.01
11) 2-Methylnaphthalene-d10	12.423	152	10929	0.346	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	703	0.311	ng		0.00
15) 2-Fluorobiphenyl	13.283	172	14503	0.314	ng		0.00
27) Fluoranthene-d10	19.426	212	11003	0.248	ng		0.00
31) Terphenyl-d14	20.016	244	7357	0.351	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.404	88	2753	0.300	ng	#	84
3) n-Nitrosodimethylamine	3.729	42	3328	0.337	ng	#	73
6) bis(2-Chloroethyl)ether	7.434	93	8437	0.337	ng	#	87
9) Naphthalene	10.889	128	21273	0.352	ng		99
10) Hexachlorobutadiene	11.177	225	3724	0.355	ng	#	96
12) 2-Methylnaphthalene	12.495	142	13670	0.328	ng		99
16) Acenaphthylene	14.373	152	18173	0.344	ng		99
17) Acenaphthene	14.716	154	12062	0.347	ng		99
18) Fluorene	15.693	166	15005	0.326	ng		99
20) 4,6-Dinitro-2-methylph...	15.780	198	1120	0.523	ng	#	53
21) 4-Bromophenyl-phenylether	16.586	248	4210	0.379	ng		92
22) Hexachlorobenzene	16.711	284	4097	0.403	ng		97
23) Atrazine	16.847	200	3067	0.346	ng		97
24) Pentachlorophenol	17.071	266	1169m	1.059	ng		
25) Phenanthrene	17.443	178	21527	0.361	ng		99
26) Anthracene	17.530	178	18532	0.344	ng		100
28) Fluoranthene	19.453	202	19544	0.301	ng	#	92
30) Pyrene	19.816	202	19948	0.428	ng		99
32) Benzo(a)anthracene	21.560	228	13026	0.365	ng		99
33) Chrysene	21.614	228	13564	0.351	ng		99
34) Bis(2-ethylhexyl)phtha...	21.480	149	18939	0.872	ng	#	98
36) Indeno(1,2,3-cd)pyrene	26.683	276	12359	0.384	ng	#	61
37) Benzo(b)fluoranthene	23.306	252	12089m	0.378	ng		
38) Benzo(k)fluoranthene	23.361	252	11387	0.342	ng	#	93
39) Benzo(a)pyrene	23.964	252	10035	0.329	ng	#	90
40) Dibenzo(a,h)anthracene	26.709	278	9629	0.378	ng		98
41) Benzo(g,h,i)perylene	27.478	276	11151	0.383	ng		98

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

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