Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN050823\
Data File : BN025340.D
Acq On : 08 May 2023 19:33
Operator : CG/JU
Sample : 02588-08MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ZONE-A-3-6-05022023MSD

Manual Integrations APPROVED

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

Quant Time: May 09 04:03:50 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon May 08 18:27:02 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.904	152	5579	0.400	ng	0.00
7) Naphthalene-d8	10.707	136	18008	0.400	ng	#-0.01
13) Acenaphthene-d10	14.544	164	10902	0.400	ng	0.00
19) Phenanthrene-d10	17.299	188	24563	0.400	ng	0.00
29) Chrysene-d12	21.491	240	25784	0.400	ng	# 0.00
35) Perylene-d12	23.916	264	25911	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.463	112	3987	0.294	ng	0.00
5) Phenol-d6	7.081	99	5399	0.317	ng	0.00
8) Nitrobenzene-d5	9.074	82	4076	0.275	ng	-0.01
11) 2-Methylnaphthalene-d10	12.302	152	10861m	0.441	ng	0.00
14) 2,4,6-Tribromophenol	16.045	330	1487	0.267	ng	-0.01
15) 2-Fluorobiphenyl	13.176	172	10436	0.279	ng	0.00
27) Fluoranthene-d10	19.330	212	15915	0.262	ng	0.00
31) Terphenyl-d14	19.924	244	12160	0.234	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.311	88	1640	0.280	ng	# 64
3) n-Nitrosodimethylamine	3.643	42	3341	0.374	ng	99
6) bis(2-Chloroethyl)ether	7.326	93	6340	0.422	ng	100
9) Naphthalene	10.761	128	33628	0.728	ng	99
10) Hexachlorobutadiene	11.038	225	3428	0.392	ng	# 97
12) 2-Methylnaphthalene	12.378	142	18587	0.569	ng	99
16) Acenaphthylene	14.267	152	39964	0.819	ng	99
17) Acenaphthene	14.609	154	16824	0.554	ng	100
18) Fluorene	15.603	166	23576	0.567	ng	97
20) 4,6-Dinitro-2-methylph...	15.710	198	325	0.341	ng	# 75
21) 4-Bromophenyl-phenylether	16.479	248	5213	0.380	ng	# 89
22) Hexachlorobenzene	16.603	284	6009	0.406	ng	99
23) Atrazine	16.752	200	4694	0.392	ng	99
24) Pentachlorophenol	16.963	266	2549	0.712	ng	93
25) Phenanthrene	17.336	178	153237	2.255	ng	100
26) Anthracene	17.435	178	55805	0.877	ng	99
28) Fluoranthene	19.359	202	359465	4.233	ng	99
30) Pyrene	19.726	202	335284	3.804	ng	97
32) Benzo(a)anthracene	21.473	228	218904	2.512	ng	100
33) Chrysene	21.527	228	215408	2.483	ng	99
34) Bis(2-ethylhexyl)phtha...	21.392	149	42909	0.627	ng	99
36) Indeno(1,2,3-cd)pyrene	26.424	276	132787	1.278	ng	96
37) Benzo(b)fluoranthene	23.176	252	275321	3.352	ng	94
38) Benzo(k)fluoranthene	23.223	252	122145m	1.421	ng	
39) Benzo(a)pyrene	23.808	252	195725m	2.326	ng	
40) Dibenzo(a,h)anthracene	26.442	278	50829	0.620	ng	96
41) Benzo(g,h,i)perylene	27.208	276	123487	1.371	ng	99

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

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