Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN082924\
Data File : BN033704.D
Acq On : 30 Aug 2024 13:19
Operator : MA/JU
Sample : PB163069BSD
Misc :
ALS Vial : 36 Sample Multiplier: 1

Quant Time: Aug 30 13:48:09 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 29 23:33:13 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB163069BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 09/02/2024
Supervised By :mohammad ahmed 09/02/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.523	152	4730	0.400	ng	0.00
7) Naphthalene-d8	10.282	136	12128	0.400	ng	#-0.01
13) Acenaphthene-d10	14.157	164	5537	0.400	ng	-0.01
19) Phenanthrene-d10	16.917	188	10543	0.400	ng	0.00
29) Chrysene-d12	21.122	240	7773	0.400	ng	# 0.00
35) Perylene-d12	23.285	264	8210	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.169	112	4785	0.336	ng	0.00
5) Phenol-d6	6.714	99	5441	0.324	ng	0.00
8) Nitrobenzene-d5	8.659	82	4035	0.400	ng	0.00
11) 2-Methylnaphthalene-d10	11.881	152	7792	0.456	ng	0.00
14) 2,4,6-Tribromophenol	15.663	330	766	0.288	ng	0.00
15) 2-Fluorobiphenyl	12.778	172	9505	0.407	ng	0.00
27) Fluoranthene-d10	18.956	212	10005	0.385	ng	0.00
31) Terphenyl-d14	19.570	244	6933	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.168	88	1914	0.348	ng	# 42
3) n-Nitrosodimethylamine	3.457	42	2659	0.412	ng	# 97
6) bis(2-Chloroethyl)ether	6.960	93	5315	0.414	ng	98
9) Naphthalene	10.336	128	12856	0.396	ng	99
10) Hexachlorobutadiene	10.635	225	2665	0.396	ng	# 99
12) 2-Methylnaphthalene	11.956	142	8072	0.404	ng	99
16) Acenaphthylene	13.879	152	9797	0.409	ng	99
17) Acenaphthene	14.221	154	6768	0.406	ng	99
18) Fluorene	15.215	166	8096	0.392	ng	99
20) 4,6-Dinitro-2-methylph...	15.301	198	418	0.261	ng	96
21) 4-Bromophenyl-phenylether	16.123	248	2473	0.406	ng	93
22) Hexachlorobenzene	16.222	284	2898	0.416	ng	99
23) Atrazine	16.396	200	1903	0.392	ng	96
24) Pentachlorophenol	16.569	266	1545	0.491	ng	98
25) Phenanthrene	16.954	178	12055	0.411	ng	99
26) Anthracene	17.041	178	10590	0.417	ng	100
28) Fluoranthene	18.984	202	12723	0.385	ng	99
30) Pyrene	19.347	202	13119	0.417	ng	99
32) Benzo(a)anthracene	21.113	228	11786	0.430	ng	98
33) Chrysene	21.157	228	12063	0.430	ng	100
34) Bis(2-ethylhexyl)phtha...	21.068	149	5817m	0.374	ng	
36) Indeno(1,2,3-cd)pyrene	25.420	276	16185	0.459	ng	99
37) Benzo(b)fluoranthene	22.642	252	12962	0.430	ng	100
38) Benzo(k)fluoranthene	22.686	252	12501	0.422	ng	99
39) Benzo(a)pyrene	23.189	252	11323	0.449	ng	99
40) Dibenzo(a,h)anthracene	25.440	278	12744	0.454	ng	99
41) Benzo(g,h,i)perylene	26.075	276	13132	0.431	ng	99

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

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