Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102424\
Data File : BN034709.D
Acq On : 25 Oct 2024 01:50
Operator : RC/JU
Sample : PB164323BSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB164323BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/26/2024

Quant Time: Oct 25 02:47:59 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN102424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 24 13:17:02 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.712	152	6013	0.400	ng	0.00
7) Naphthalene-d8	10.479	136	16515	0.400	ng	0.00
13) Acenaphthene-d10	14.329	164	7014	0.400	ng	0.00
19) Phenanthrene-d10	17.057	188	12765	0.400	ng	#-0.01
29) Chrysene-d12	21.241	240	7084	0.400	ng	# 0.00
35) Perylene-d12	23.464	264	5993	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.322	112	5386	0.301	ng	0.00
5) Phenol-d6	6.882	99	7340	0.311	ng	0.00
8) Nitrobenzene-d5	8.845	82	4790	0.346	ng	0.00
11) 2-Methylnaphthalene-d10	12.071	152	11134m	0.490	ng	0.00
14) 2,4,6-Tribromophenol	15.815	330	529	0.244	ng	0.00
15) 2-Fluorobiphenyl	12.950	172	10454	0.375	ng	0.00
27) Fluoranthene-d10	19.094	212	9959	0.346	ng	0.00
31) Terphenyl-d14	19.703	244	5697	0.394	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.285	88	2419	0.302	ng	# 42
3) n-Nitrosodimethylamine	3.581	42	4502	0.387	ng	# 93
6) bis(2-Chloroethyl)ether	7.142	93	6932	0.362	ng	98
9) Naphthalene	10.532	128	16475	0.361	ng	100
10) Hexachlorobutadiene	10.831	225	2402	0.351	ng	# 99
12) 2-Methylnaphthalene	12.143	142	9674	0.341	ng	98
16) Acenaphthylene	14.040	152	12467	0.370	ng	99
17) Acenaphthene	14.383	154	8229	0.355	ng	98
18) Fluorene	15.377	166	9662	0.337	ng	99
20) 4,6-Dinitro-2-methylph...	15.441	198	552	0.311	ng	# 59
21) 4-Bromophenyl-phenylether	16.262	248	2478	0.364	ng	# 63
22) Hexachlorobenzene	16.374	284	2726	0.369	ng	97
23) Atrazine	16.535	200	1776	0.332	ng	# 88
24) Pentachlorophenol	16.721	266	1341	0.514	ng	97
25) Phenanthrene	17.106	178	14487	0.378	ng	100
26) Anthracene	17.193	178	12794	0.376	ng	100
28) Fluoranthene	19.122	202	13715	0.343	ng	99
30) Pyrene	19.484	202	14147	0.389	ng	100
32) Benzo(a)anthracene	21.232	228	10521	0.389	ng	100
33) Chrysene	21.277	228	11324	0.404	ng	98
34) Bis(2-ethylhexyl)phtha...	21.196	149	5484	0.357	ng	98
36) Indeno(1,2,3-cd)pyrene	25.692	276	10339	0.448	ng	96
37) Benzo(b)fluoranthene	22.800	252	10114	0.423	ng	94
38) Benzo(k)fluoranthene	22.844	252	9875	0.418	ng	96
39) Benzo(a)pyrene	23.367	252	8431	0.439	ng	93
40) Dibenzo(a,h)anthracene	25.709	278	7958	0.437	ng	96
41) Benzo(g,h,i)perylene	26.367	276	8503	0.424	ng	97

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

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