Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028386.D
Acq On : 24 Oct 2023 22:25
Operator : MA/JU
Sample : PB155970BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB155970BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/25/2023
Supervised By :mohammad ahmed 10/25/2023

Quant Time: Oct 25 01:07:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 23 15:14:08 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.878	152	3838	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	12572	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	6316	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	10572	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	8444	0.400	ng	0.00
35) Perylene-d12	23.928	264	9468	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	4290	0.360	ng	0.00
5) Phenol-d6	7.055	99	5078	0.346	ng	0.00
8) Nitrobenzene-d5	9.080	82	4367	0.392	ng	-0.02
11) 2-Methylnaphthalene-d10	12.279	152	9544	0.505	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	740	0.240	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	10142	0.456	ng	-0.02
27) Fluoranthene-d10	19.318	212	9535	0.337	ng	0.00
31) Terphenyl-d14	19.908	244	8194	0.457	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	1351	0.291	ng	# 87
3) n-Nitrosodimethylamine	3.653	42	2059	0.406	ng	# 96
6) bis(2-Chloroethyl)ether	7.322	93	4187	0.370	ng	95
9) Naphthalene	10.735	128	13132	0.403	ng	100
10) Hexachlorobutadiene	10.949	225	2263	0.404	ng	# 98
12) 2-Methylnaphthalene	12.354	142	8233	0.355	ng	99
16) Acenaphthylene	14.256	152	12194	0.430	ng	98
17) Acenaphthene	14.587	154	7185	0.402	ng	99
18) Fluorene	15.581	166	8798	0.374	ng	96
20) 4,6-Dinitro-2-methylph...	15.841	198	10	0.194	ng	# 1
21) 4-Bromophenyl-phenylether	16.474	248	2311	0.424	ng	96
22) Hexachlorobenzene	16.549	284	2498	0.446	ng	98
23) Atrazine	16.748	200	2017	0.395	ng	98
24) Pentachlorophenol	16.934	266	6230m	2.434	ng	
25) Phenanthrene	17.331	178	11531	0.398	ng	100
26) Anthracene	17.418	178	10291	0.372	ng	99
28) Fluoranthene	19.351	202	12104	0.333	ng	99
30) Pyrene	19.718	202	12371	0.428	ng	99
32) Benzo(a)anthracene	21.462	228	12074	0.403	ng	99
33) Chrysene	21.515	228	11267	0.392	ng	99
34) Bis(2-ethylhexyl)phtha...	21.336	149	7798	0.340	ng	# 99
36) Indeno(1,2,3-cd)pyrene	26.489	276	15381	0.403	ng	99
37) Benzo(b)fluoranthene	23.171	252	12504	0.423	ng	96
38) Benzo(k)fluoranthene	23.221	252	12242	0.407	ng	94
39) Benzo(a)pyrene	23.817	252	11338	0.385	ng	# 91
40) Dibenzo(a,h)anthracene	26.504	278	12568	0.406	ng	97
41) Benzo(g,h,i)perylene	27.291	276	12619	0.394	ng	98

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

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