Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102623\
Data File : BN028399.D
Acq On : 26 Oct 2023 15:23
Operator : MA/JU
Sample : PB156650BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156650BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/27/2023
Supervised By :mohammad ahmed 10/27/2023

Quant Time: Oct 26 15:51:16 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	7.871	152	5336	0.400	ng		0.00
7) Naphthalene-d8	10.682	136	18046	0.400	ng		-0.02
13) Acenaphthene-d10	14.523	164	9629	0.400	ng		-0.01
19) Phenanthrene-d10	17.281	188	18275	0.400	ng		#-0.01
29) Chrysene-d12	21.488	240	14339	0.400	ng		# 0.00
35) Perylene-d12	23.928	264	16024	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	4152	0.251	ng		0.00
5) Phenol-d6	7.048	99	5281	0.259	ng		0.00
8) Nitrobenzene-d5	9.070	82	3902	0.244	ng		-0.03
11) 2-Methylnaphthalene-d10	12.275	152	7640	0.282	ng		-0.02
14) 2,4,6-Tribromophenol	16.040	330	898	0.191	ng		-0.02
15) 2-Fluorobiphenyl	13.144	172	9151	0.270	ng		-0.02
27) Fluoranthene-d10	19.318	212	11149	0.228	ng		0.00
31) Terphenyl-d14	19.908	244	9050	0.297	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	2237	0.347	ng	#	81
3) n-Nitrosodimethylamine	3.653	42	3549	0.504	ng	#	96
6) bis(2-Chloroethyl)ether	7.315	93	8630	0.549	ng		98
9) Naphthalene	10.735	128	24013	0.513	ng		98
10) Hexachlorobutadiene	10.949	225	3929	0.489	ng	#	99
12) 2-Methylnaphthalene	12.347	142	15332	0.461	ng		99
16) Acenaphthylene	14.245	152	23489	0.543	ng		99
17) Acenaphthene	14.587	154	13782	0.505	ng		98
18) Fluorene	15.568	166	17603	0.490	ng		99
20) 4,6-Dinitro-2-methylph...	15.879	198	6	0.185	ng	#	1
21) 4-Bromophenyl-phenylether	16.462	248	4948	0.526	ng	#	80
22) Hexachlorobenzene	16.549	284	5236	0.540	ng		99
23) Atrazine	16.748	200	4588	0.520	ng		97
24) Pentachlorophenol	16.934	266	4311m	0.974	ng		
25) Phenanthrene	17.331	178	25905	0.518	ng		100
26) Anthracene	17.418	178	24152	0.506	ng		100
28) Fluoranthene	19.351	202	27944	0.445	ng		99
30) Pyrene	19.718	202	28682	0.585	ng		100
32) Benzo(a)anthracene	21.470	228	27559	0.541	ng		98
33) Chrysene	21.524	228	25904	0.531	ng		98
34) Bis(2-ethylhexyl)phtha...	21.336	149	18571	0.477	ng	#	97
36) Indeno(1,2,3-cd)pyrene	26.498	276	32566	0.504	ng		99
37) Benzo(b)fluoranthene	23.171	252	27274	0.545	ng	#	94
38) Benzo(k)fluoranthene	23.224	252	26046	0.511	ng		94
39) Benzo(a)pyrene	23.823	252	24515	0.492	ng		96
40) Dibenzo(a,h)anthracene	26.510	278	26236	0.500	ng		95
41) Benzo(g,h,i)perylene	27.302	276	26408	0.488	ng		97

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

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