Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016926.D
Acq On : 13 Oct 2021 09:12
Operator : CG/JU
Sample : PB139783BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB139783BS

Manual Integrations APPROVED
mohammad
10/14/2021 10:52:38 AM

Quant Time: Oct 13 10:53:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 02:19:57 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.679	152	24008	0.40	ng		0.00
7) Naphthalene-d8	10.445	136	106914	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	56859	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	109927	0.40	ng		#-0.01
29) Chrysene-d12	21.228	240	114178	0.40	ng		0.00
35) Perylene-d12	23.471	264	115387	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	22888	0.42	ng		0.00
5) Phenol-d6	6.868	99	25501	0.42	ng		0.00
8) Nitrobenzene-d5	8.823	82	26596	0.39	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	60043	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	9591	0.37	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	85386	0.40	ng		0.00
27) Fluoranthene-d10	19.068	212	111686	0.40	ng		0.00
31) Terphenyl-d14	19.679	244	96635	0.39	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.272	88	6827m	0.43	ng		
3) n-Nitrosodimethylamine	3.604	42	7789	0.42	ng		98
6) bis(2-Chloroethyl)ether	7.126	93	27124	0.42	ng		99
9) Naphthalene	10.495	128	110144	0.40	ng		99
10) Hexachlorobutadiene	10.787	225	21464	0.39	ng	#	99
12) 2-Methylnaphthalene	12.110	142	71536	0.41	ng		99
16) Acenaphthylene	14.015	152	92315	0.40	ng		100
17) Acenaphthene	14.358	154	62572	0.40	ng		98
18) Fluorene	15.347	166	75636	0.40	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	2836	0.32	ng		98
21) 4-Bromophenyl-phenylether	16.239	248	24720	0.38	ng		93
22) Hexachlorobenzene	16.348	284	28509	0.38	ng		99
23) Atrazine	16.519	200	17033	0.40	ng		99
24) Pentachlorophenol	16.689	266	8573	0.43	ng		99
25) Phenanthrene	17.079	178	121782	0.39	ng		100
26) Anthracene	17.164	178	107561	0.40	ng		100
28) Fluoranthene	19.098	202	140735	0.42	ng		100
30) Pyrene	19.460	202	141809	0.39	ng		100
32) Benzo(a)anthracene	21.217	228	140154	0.41	ng		99
33) Chrysene	21.259	228	149343	0.40	ng		96
34) Bis(2-ethylhexyl)phtha...	21.164	149	63231	0.48	ng		100
36) Indeno(1,2,3-cd)pyrene	25.740	276	167303	0.38	ng		100
37) Benzo(b)fluoranthene	22.797	252	153633	0.42	ng		100
38) Benzo(k)fluoranthene	22.841	252	150506	0.41	ng		99
39) Benzo(a)pyrene	23.372	252	138270	0.41	ng		100
40) Dibenzo(a,h)anthracene	25.761	278	138428	0.39	ng		100
41) Benzo(g,h,i)perylene	26.432	276	136164	0.36	ng		100

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

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