Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN102423\
Data File : BN028373.D
Acq On : 24 Oct 2023 11:57
Operator : MA/JU
Sample : PB156426BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB156426BS

Manual Integrations APPROVED

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

Quant Time: Oct 25 01:03:59 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	4495	0.400	ng	0.00
7) Naphthalene-d8	10.692	136	14672	0.400	ng	-0.01
13) Acenaphthene-d10	14.523	164	6950	0.400	ng	-0.01
19) Phenanthrene-d10	17.281	188	10873	0.400	ng	#-0.01
29) Chrysene-d12	21.479	240	9094	0.400	ng	# 0.00
35) Perylene-d12	23.928	264	11323	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.423	112	3536	0.253	ng	0.00
5) Phenol-d6	7.048	99	4368	0.254	ng	0.00
8) Nitrobenzene-d5	9.080	82	3178	0.244	ng	-0.02
11) 2-Methylnaphthalene-d10	12.275	152	9554m	0.433	ng	-0.02
14) 2,4,6-Tribromophenol	16.040	330	588	0.173	ng	-0.02
15) 2-Fluorobiphenyl	13.144	172	7233	0.296	ng	-0.02
27) Fluoranthene-d10	19.318	212	6751	0.232	ng	0.00
31) Terphenyl-d14	19.908	244	5352	0.277	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.299	88	2092	0.385	ng	# 85
3) n-Nitrosodimethylamine	3.653	42	3186	0.537	ng	# 96
6) bis(2-Chloroethyl)ether	7.315	93	7184	0.542	ng	99
9) Naphthalene	10.735	128	20116	0.529	ng	99
10) Hexachlorobutadiene	10.959	225	3540	0.542	ng	# 99
12) 2-Methylnaphthalene	12.351	142	12499	0.462	ng	100
16) Acenaphthylene	14.255	152	20156	0.645	ng	97
17) Acenaphthene	14.587	154	10455	0.531	ng	99
18) Fluorene	15.568	166	12438	0.480	ng	97
21) 4-Bromophenyl-phenylether	16.462	248	3313	0.592	ng	# 75
22) Hexachlorobenzene	16.549	284	3374	0.585	ng	99
23) Atrazine	16.748	200	2982	0.568	ng	98
24) Pentachlorophenol	16.934	266	2421m	0.920	ng	
25) Phenanthrene	17.331	178	15944	0.536	ng	99
26) Anthracene	17.418	178	14870	0.523	ng	100
28) Fluoranthene	19.351	202	17115	0.458	ng	# 84
30) Pyrene	19.718	202	18100	0.582	ng	99
32) Benzo(a)anthracene	21.462	228	18541	0.574	ng	97
33) Chrysene	21.515	228	16900	0.547	ng	96
34) Bis(2-ethylhexyl)phtha...	21.336	149	11671	0.473	ng	98
36) Indeno(1,2,3-cd)pyrene	26.486	276	24070	0.527	ng	99
37) Benzo(b)fluoranthene	23.171	252	19186	0.542	ng	95
38) Benzo(k)fluoranthene	23.221	252	18632	0.517	ng	93
39) Benzo(a)pyrene	23.820	252	17585	0.499	ng	# 92
40) Dibenzo(a,h)anthracene	26.501	278	19547	0.527	ng	96
41) Benzo(g,h,i)perylene	27.290	276	19659	0.514	ng	98

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

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