Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030951.D
Acq On : 16 Apr 2024 00:34
Operator : MA/JU
Sample : PB160202BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160202BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/17/2024
Supervised By :mohammad ahmed 04/18/2024

Quant Time: Apr 16 01:01:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN041524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Apr 15 17:03:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.646	152	4563	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	13137	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	6926	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	16399	0.400	ng	0.00
29) Chrysene-d12	21.240	240	13154	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	7459	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3775	0.371	ng	0.00
5) Phenol-d6	6.823	99	4531	0.368	ng	0.00
8) Nitrobenzene-d5	8.798	82	3029	0.333	ng	0.00
11) 2-Methylnaphthalene-d10	12.024	152	13255m	0.655	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	840	0.313	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	8139	0.350	ng	0.00
27) Fluoranthene-d10	19.075	212	14538	0.329	ng	0.00
31) Terphenyl-d14	19.683	244	10792	0.353	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1469	0.262	ng	# 61
3) n-Nitrosodimethylamine	3.500	42	1868	0.356	ng	# 97
6) bis(2-Chloroethyl)ether	7.083	93	4186	0.344	ng	100
9) Naphthalene	10.474	128	12929	0.357	ng	100
10) Hexachlorobutadiene	10.752	225	2552	0.351	ng	# 100
12) 2-Methylnaphthalene	12.096	142	8259	0.343	ng	98
16) Acenaphthylene	14.006	152	11033	0.361	ng	99
17) Acenaphthene	14.348	154	7509	0.349	ng	99
18) Fluorene	15.342	166	10266	0.360	ng	99
20) 4,6-Dinitro-2-methylph...	15.428	198	652	0.365	ng	90
21) 4-Bromophenyl-phenylether	16.233	248	3325	0.341	ng	94
22) Hexachlorobenzene	16.345	284	3884	0.341	ng	99
23) Atrazine	16.519	200	632	0.090	ng	92
24) Pentachlorophenol	16.693	266	2660	0.710	ng	99
25) Phenanthrene	17.078	178	17707	0.366	ng	100
26) Anthracene	17.177	178	13503	0.337	ng	99
28) Fluoranthene	19.107	202	19075	0.329	ng	100
30) Pyrene	19.470	202	18175	0.356	ng	100
32) Benzo(a)anthracene	21.222	228	16449	0.359	ng	99
33) Chrysene	21.276	228	19072	0.383	ng	99
34) Bis(2-ethylhexyl)phtha...	21.160	149	6580	0.313	ng	98
36) Indeno(1,2,3-cd)pyrene	25.688	276	17306	0.499	ng	99
37) Benzo(b)fluoranthene	22.788	252	18395	0.598	ng	99
38) Benzo(k)fluoranthene	22.831	252	17390	0.577	ng	99
39) Benzo(a)pyrene	23.358	252	10774	0.421	ng	94
40) Dibenzo(a,h)anthracene	25.699	278	15364	0.553	ng	97
41) Benzo(g,h,i)perylene	26.366	276	14400	0.471	ng	98

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

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