Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN041524\
Data File : BN030953.D
Acq On : 16 Apr 2024 01:47
Operator : MA/JU
Sample : PB160153BSD
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Apr 16 02:16:01 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

Instrument :
BNA_N
ClientSampleId :
PB160153BSD

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.653	152	4292	0.400	ng	0.00
7) Naphthalene-d8	10.432	136	12579	0.400	ng	0.00
13) Acenaphthene-d10	14.284	164	6641	0.400	ng	-0.01
19) Phenanthrene-d10	17.040	188	15953	0.400	ng	0.00
29) Chrysene-d12	21.240	240	12746	0.400	ng	# 0.00
35) Perylene-d12	23.454	264	6807	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.248	112	3509	0.367	ng	0.00
5) Phenol-d6	6.823	99	4254	0.367	ng	0.00
8) Nitrobenzene-d5	8.798	82	2840	0.326	ng	0.00
11) 2-Methylnaphthalene-d10	12.024	152	12496m	0.645	ng	0.00
14) 2,4,6-Tribromophenol	15.787	330	770	0.299	ng	0.00
15) 2-Fluorobiphenyl	12.905	172	7798	0.349	ng	0.00
27) Fluoranthene-d10	19.075	212	13980	0.325	ng	0.00
31) Terphenyl-d14	19.683	244	10545	0.356	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.190	88	1372	0.260	ng	# 46
3) n-Nitrosodimethylamine	3.500	42	1669	0.338	ng	98
6) bis(2-Chloroethyl)ether	7.083	93	3965	0.346	ng	99
9) Naphthalene	10.474	128	11960	0.345	ng	100
10) Hexachlorobutadiene	10.752	225	2378	0.341	ng	# 99
12) 2-Methylnaphthalene	12.096	142	7711	0.334	ng	97
16) Acenaphthylene	14.006	152	10234	0.350	ng	100
17) Acenaphthene	14.348	154	7042	0.341	ng	99
18) Fluorene	15.343	166	9685	0.354	ng	99
20) 4,6-Dinitro-2-methylph...	15.428	198	607	0.354	ng	94
21) 4-Bromophenyl-phenylether	16.233	248	3106	0.328	ng	96
22) Hexachlorobenzene	16.345	284	3719	0.336	ng	100
24) Pentachlorophenol	16.693	266	2443	0.678	ng	98
25) Phenanthrene	17.078	178	16693	0.355	ng	100
26) Anthracene	17.164	178	12636	0.324	ng	100
28) Fluoranthene	19.107	202	18246	0.323	ng	99
30) Pyrene	19.470	202	17058	0.345	ng	100
32) Benzo(a)anthracene	21.222	228	16623	0.374	ng	98
33) Chrysene	21.276	228	19514	0.404	ng	99
34) Bis(2-ethylhexyl)phtha...	21.160	149	6717	0.330	ng	99
36) Indeno(1,2,3-cd)pyrene	25.685	276	17439	0.551	ng	99
37) Benzo(b)fluoranthene	22.788	252	18512	0.659	ng	100
38) Benzo(k)fluoranthene	22.831	252	17803	0.647	ng	99
39) Benzo(a)pyrene	23.358	252	10863	0.465	ng	95
40) Dibenzo(a,h)anthracene	25.697	278	15880	0.626	ng	98
41) Benzo(g,h,i)perylene	26.366	276	14381	0.515	ng	98

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

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