Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030774.D
Acq On : 08 Apr 2024 18:24
Operator : MA/JU
Sample : PB160031BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 04/10/2024
Supervised By :mohammad ahmed 04/10/2024

Quant Time: Apr 08 18:49:49 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Mar 30 00:04:36 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.689	152	5459	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	16470	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9878	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	24708	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	20170	0.400	ng	-0.02
35) Perylene-d12	23.507	264	16116	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4668	0.393	ng	-0.01
5) Phenol-d6	6.859	99	5530	0.362	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3687	0.319	ng	-0.01
11) 2-Methylnaphthalene-d10	12.058	152	11545m	0.458	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1136	0.304	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	12323	0.323	ng	-0.02
27) Fluoranthene-d10	19.107	212	22456	0.337	ng	-0.02
31) Terphenyl-d14	19.716	244	16428	0.353	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1693	0.257	ng	# 26
3) n-Nitrosodimethylamine	3.537	42	1996	0.313	ng	# 92
6) bis(2-Chloroethyl)ether	7.119	93	5095	0.338	ng	98
9) Naphthalene	10.517	128	15555	0.341	ng	99
10) Hexachlorobutadiene	10.795	225	3027	0.325	ng	# 99
12) 2-Methylnaphthalene	12.134	142	10513	0.351	ng	99
16) Acenaphthylene	14.038	152	15288	0.342	ng	100
17) Acenaphthene	14.391	154	10204	0.329	ng	98
18) Fluorene	15.375	166	14109	0.350	ng	100
20) 4,6-Dinitro-2-methylph...	15.460	198	579	0.324	ng	# 64
21) 4-Bromophenyl-phenylether	16.271	248	4656	0.312	ng	# 85
22) Hexachlorobenzene	16.370	284	5719	0.321	ng	98
23) Atrazine	16.544	200	3335	0.307	ng	97
24) Pentachlorophenol	16.730	266	2499	0.511	ng	97
25) Phenanthrene	17.115	178	24967	0.341	ng	100
26) Anthracene	17.202	178	19886	0.324	ng	100
28) Fluoranthene	19.140	202	28666	0.329	ng	100
30) Pyrene	19.502	202	29113	0.369	ng	100
32) Benzo(a)anthracene	21.249	228	26704	0.374	ng	99
33) Chrysene	21.303	228	28426	0.371	ng	99
34) Bis(2-ethylhexyl)phtha...	21.187	149	10928	0.353	ng	99
36) Indeno(1,2,3-cd)pyrene	25.767	276	23411	0.328	ng	100
37) Benzo(b)fluoranthene	22.834	252	25868	0.395	ng	98
38) Benzo(k)fluoranthene	22.875	252	25689	0.390	ng	97
39) Benzo(a)pyrene	23.407	252	20410	0.389	ng	97
40) Dibenzo(a,h)anthracene	25.781	278	18044	0.319	ng	98
41) Benzo(g,h,i)perylene	26.451	276	19627	0.323	ng	99

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

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