Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN040824\
Data File : BN030775.D
Acq On : 08 Apr 2024 19:00
Operator : MA/JU
Sample : PB160031BSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
PB160031BSD

Manual Integrations APPROVED

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

Quant Time: Apr 09 04:25:00 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	4855	0.400	ng	-0.01
7) Naphthalene-d8	10.464	136	14607	0.400	ng	-0.02
13) Acenaphthene-d10	14.327	164	9002	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	22370	0.400	ng	-0.01
29) Chrysene-d12	21.267	240	18922	0.400	ng	#-0.02
35) Perylene-d12	23.507	264	15126	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	4137	0.391	ng	-0.01
5) Phenol-d6	6.859	99	4867	0.358	ng	-0.01
8) Nitrobenzene-d5	8.841	82	3290	0.321	ng	-0.01
11) 2-Methylnaphthalene-d10	12.062	152	10413m	0.466	ng	-0.02
14) 2,4,6-Tribromophenol	15.824	330	1061	0.312	ng	-0.01
15) 2-Fluorobiphenyl	12.948	172	11127	0.320	ng	-0.02
27) Fluoranthene-d10	19.107	212	21145	0.351	ng	-0.02
31) Terphenyl-d14	19.716	244	15374	0.352	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.226	88	1545	0.264	ng	# 40
3) n-Nitrosodimethylamine	3.537	42	1736	0.306	ng	89
6) bis(2-Chloroethyl)ether	7.119	93	4457	0.332	ng	100
9) Naphthalene	10.517	128	14080	0.348	ng	99
10) Hexachlorobutadiene	10.795	225	2793	0.338	ng	# 98
12) 2-Methylnaphthalene	12.134	142	9497	0.357	ng	99
16) Acenaphthylene	14.038	152	13831	0.339	ng	100
17) Acenaphthene	14.391	154	9223	0.327	ng	99
18) Fluorene	15.375	166	12796	0.348	ng	99
20) 4,6-Dinitro-2-methylph...	15.460	198	508	0.319	ng	# 55
21) 4-Bromophenyl-phenylether	16.271	248	4285	0.317	ng	# 85
22) Hexachlorobenzene	16.370	284	5346	0.331	ng	98
23) Atrazine	16.544	200	3070	0.312	ng	99
24) Pentachlorophenol	16.730	266	2229	0.506	ng	97
25) Phenanthrene	17.115	178	23403	0.353	ng	99
26) Anthracene	17.202	178	18318	0.329	ng	99
28) Fluoranthene	19.140	202	27103	0.344	ng	100
30) Pyrene	19.502	202	27407	0.370	ng	100
32) Benzo(a)anthracene	21.258	228	25020	0.373	ng	98
33) Chrysene	21.303	228	26972	0.375	ng	100
34) Bis(2-ethylhexyl)phtha...	21.187	149	10189	0.351	ng	99
36) Indeno(1,2,3-cd)pyrene	25.770	276	22379	0.334	ng	100
37) Benzo(b)fluoranthene	22.831	252	24625	0.400	ng	98
38) Benzo(k)fluoranthene	22.878	252	25066	0.406	ng	97
39) Benzo(a)pyrene	23.407	252	19388	0.393	ng	96
40) Dibenzo(a,h)anthracene	25.784	278	17350	0.327	ng	98
41) Benzo(g,h,i)perylene	26.454	276	18941	0.332	ng	100

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

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