Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070824\
Data File : BN032555.D
Acq On : 08 Jul 2024 17:20
Operator : MA/JU
Sample : PB161896BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jul 08 17:47:52 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 08 15:11:21 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
PB161896BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/09/2024
Supervised By :mohammad ahmed 07/09/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.588	152	4462m	0.400	ng		0.00
7) Naphthalene-d8	10.368	136	13141	0.400	ng		# 0.01
13) Acenaphthene-d10	14.231	164	9802	0.400	ng		0.01
19) Phenanthrene-d10	17.004	188	21800	0.400	ng		0.01
29) Chrysene-d12	21.211	240	18243	0.400	ng		# 0.00
35) Perylene-d12	23.434	264	18298	0.400	ng		# 0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.212	112	4291m	0.338	ng		0.01
5) Phenol-d6	6.816	99	5229m	0.314	ng		0.03
8) Nitrobenzene-d5	8.788	82	3762m	0.345	ng		0.04
11) 2-Methylnaphthalene-d10	11.983	152	6843	0.327	ng		0.03
14) 2,4,6-Tribromophenol	15.763	330	1535	0.327	ng		0.01
15) 2-Fluorobiphenyl	12.863	172	13182m	0.355	ng		0.02
27) Fluoranthene-d10	19.045	212	20477	0.345	ng		0.01
31) Terphenyl-d14	19.649	244	15444	0.346	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.161	88	2036	0.373	ng		98
3) n-Nitrosodimethylamine	3.486	42	1463	0.282	ng		99
6) bis(2-Chloroethyl)ether	7.039	93	2535	0.177	ng		89
9) Naphthalene	10.421	128	14396m	0.407	ng		
10) Hexachlorobutadiene	10.667	225	2735	0.442	ng	#	99
12) 2-Methylnaphthalene	12.058	142	7925	0.328	ng		99
16) Acenaphthylene	13.953	152	13282	0.294	ng		99
17) Acenaphthene	14.296	154	9884	0.340	ng		99
18) Fluorene	15.301	166	13055	0.336	ng		100
20) 4,6-Dinitro-2-methylph...	15.482	198	490	0.282	ng	#	12
21) 4-Bromophenyl-phenylether	16.197	248	4120	0.333	ng		95
22) Hexachlorobenzene	16.296	284	5070	0.396	ng		95
23) Atrazine	16.483	200	3165	0.279	ng		97
24) Pentachlorophenol	16.681	266	1433	0.346	ng		98
25) Phenanthrene	17.041	178	20098	0.332	ng		100
26) Anthracene	17.140	178	16548	0.295	ng		100
28) Fluoranthene	19.072	202	25315	0.345	ng		99
30) Pyrene	19.439	202	26452	0.365	ng		100
32) Benzo(a)anthracene	21.202	228	20945	0.305	ng		99
33) Chrysene	21.256	228	27430m	0.422	ng		
34) Bis(2-ethylhexyl)phtha...	21.104	149	15550	0.331	ng		99
36) Indeno(1,2,3-cd)pyrene	25.674	276	22763	0.333	ng		100
37) Benzo(b)fluoranthene	22.765	252	20596	0.309	ng	#	92
38) Benzo(k)fluoranthene	22.809	252	25661	0.407	ng	#	88
39) Benzo(a)pyrene	23.344	252	20167	0.350	ng	#	81
40) Dibenzo(a,h)anthracene	25.686	278	17748	0.330	ng	#	89
41) Benzo(g,h,i)perylene	26.355	276	19736	0.341	ng		96

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

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