Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092524\
Data File : BN034227.D
Acq On : 25 Sep 2024 16:32
Operator : RC/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Sep 25 18:09:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN091924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 18 16:09:28 2024
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :

Manual Integrations APPROVED
Reviewed By :Yogesh Patel
09/26/2024
Supervised By :mohammad ahmed
09/26/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.416	152	6295	0.400	ng		-0.02
7) Naphthalene-d8	10.169	136	17397	0.400	ng		#-0.03
13) Acenaphthene-d10	14.058	164	9002	0.400	ng		-0.02
19) Phenanthrene-d10	16.815	188	18111	0.400	ng		#-0.03
29) Chrysene-d12	21.033	240	12322	0.400	ng		-0.03
35) Perylene-d12	23.143	264	9937	0.400	ng		#-0.04
System Monitoring Compounds							
4) 2-Fluorophenol	5.054	112	6643	0.372	ng		-0.02
5) Phenol-d6	6.614	99	6798	0.327	ng		-0.02
8) Nitrobenzene-d5	8.557	82	5369	0.403	ng		-0.02
11) 2-Methylnaphthalene-d10	11.772	152	9989	0.389	ng		-0.02
14) 2,4,6-Tribromophenol	15.562	330	529	0.130	ng		-0.03
15) 2-Fluorobiphenyl	12.679	172	14064	0.384	ng		-0.02
27) Fluoranthene-d10	18.860	212	18642	0.408	ng		-0.03
31) Terphenyl-d14	19.477	244	12294	0.500	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.061	88	2606m	0.331	ng		
3) n-Nitrosodimethylamine	3.357	42	2932	0.327	ng	#	78
6) bis(2-Chloroethyl)ether	6.860	93	6705	0.365	ng		98
9) Naphthalene	10.223	128	18439	0.386	ng		100
10) Hexachlorobutadiene	10.511	225	3637	0.404	ng	#	98
12) 2-Methylnaphthalene	11.848	142	11448	0.368	ng		98
16) Acenaphthylene	13.769	152	14790	0.384	ng		99
17) Acenaphthene	14.122	154	10692	0.387	ng		99
18) Fluorene	15.116	166	13368	0.369	ng		99
20) 4,6-Dinitro-2-methylph...	15.223	198	53	0.153	ng	#	1
21) 4-Bromophenyl-phenylether	16.021	248	4200	0.412	ng	#	92
22) Hexachlorobenzene	16.120	284	4835	0.424	ng		95
23) Atrazine	16.306	200	3404	0.403	ng	#	95
24) Pentachlorophenol	16.480	266	302	0.080	ng		92
25) Phenanthrene	16.853	178	19761	0.380	ng		100
26) Anthracene	16.952	178	16447	0.388	ng		99
28) Fluoranthene	18.887	202	22922	0.380	ng		99
30) Pyrene	19.254	202	23762	0.457	ng		100
32) Benzo(a)anthracene	21.015	228	13112	0.336	ng		98
33) Chrysene	21.069	228	18764m	0.403	ng		
36) Indeno(1,2,3-cd)pyrene	25.224	276	10349	0.243	ng		94
37) Benzo(b)fluoranthene	22.520	252	13695	0.352	ng	#	86
38) Benzo(k)fluoranthene	22.564	252	16333	0.400	ng	#	87
39) Benzo(a)pyrene	23.052	252	11666	0.368	ng	#	77
40) Dibenzo(a,h)anthracene	25.239	278	7179	0.217	ng	#	74
41) Benzo(g,h,i)perylene	25.847	276	10976	0.295	ng		92

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

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