Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121421\
Data File : BN017983.D
Acq On : 13 Dec 2021 23:37
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 14 00:20:39 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 14 00:18:01 2021
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
SSTDICC5.0

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/15/2021
Supervised By :Jagrut Upadhyay 12/15/2021

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	33318	0.400	ng		0.00
7) Naphthalene-d8	10.470	136	122488	0.400	ng		0.00
13) Acenaphthene-d10	14.319	164	72016	0.400	ng		0.00
19) Phenanthrene-d10	17.066	188	148383	0.400	ng		0.00
29) Chrysene-d12	21.270	240	149774	0.400	ng	#	0.00
35) Perylene-d12	23.546	264	160272	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	355127	5.170	ng		0.00
5) Phenol-d6	6.867	99	382451	5.607	ng		0.00
8) Nitrobenzene-d5	8.835	82	495654	6.197	ng		0.00
11) 2-Methylnaphthalene-d10	12.060	152	1001258	4.648	ng		0.00
14) 2,4,6-Tribromophenol	15.816	330	219339	9.449	ng		0.00
15) 2-Fluorobiphenyl	12.949	172	1298560	5.124	ng		0.00
27) Fluoranthene-d10	19.102	212	2337862	4.860	ng		0.00
31) Terphenyl-d14	19.708	244	1565768	4.240	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.235	88	96877m	9.581	ng		
3) n-Nitrosodimethylamine	3.548	42	154521	5.053	ng		99
6) bis(2-Chloroethyl)ether	7.116	93	395545	4.731	ng		99
9) Naphthalene	10.520	128	1437050	4.717	ng		99
10) Hexachlorobutadiene	10.812	225	393311	4.532	ng	#	100
12) 2-Methylnaphthalene	12.136	142	933555	4.608	ng		99
16) Acenaphthylene	14.040	152	1482215	5.512	ng		100
17) Acenaphthene	14.383	154	940904m	5.036	ng		
18) Fluorene	15.372	166	1135436	4.992	ng		99
20) 4,6-Dinitro-2-methylph...	15.461	198	156732	224.397	ng	#	68
21) 4-Bromophenyl-phenylether	16.263	248	480913	5.656	ng	#	86
22) Hexachlorobenzene	16.384	284	502040	4.530	ng		100
23) Atrazine	16.543	200	376337	7.161	ng	#	94
24) Pentachlorophenol	16.725	266	219800	43.746	ng		99
25) Phenanthrene	17.102	178	1832366	4.834	ng		100
26) Anthracene	17.200	178	1755726	5.553	ng		99
28) Fluoranthene	19.132	202	2171267	4.651	ng		99
30) Pyrene	19.494	202	2329202	3.966	ng		100
32) Benzo(a)anthracene	21.248	228	2350618	5.779	ng		99
33) Chrysene	21.301	228	2318008	4.711	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	1311903	8.159	ng		99
36) Indeno(1,2,3-cd)pyrene	25.880	276	2750848	11.353	ng		100
37) Benzo(b)fluoranthene	22.854	252	2441082	4.611	ng		99
38) Benzo(k)fluoranthene	22.899	252	2319073	4.494	ng		100
39) Benzo(a)pyrene	23.443	252	2329662	4.949	ng		99
40) Dibenzo(a,h)anthracene	25.901	278	2224894	13.997	ng		99
41) Benzo(g,h,i)perylene	26.596	276	2455699	9.642	ng		100

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

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