Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120723\
Data File : BN029126.D
Acq On : 08 Dec 2023 14:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/08/2023
Supervised By :mohammad ahmed 12/08/2023

Quant Time: Dec 08 15:21:43 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN120523.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 06 00:49:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.544	152	1209m	0.400	ng	0.77
7) Naphthalene-d8	11.395	136	3115m	0.400	ng	0.83
13) Acenaphthene-d10	15.091	164	1999m	0.400	ng	0.69
19) Phenanthrene-d10	17.779	188	4094m	0.400	ng	0.63
29) Chrysene-d12	21.902	240	1841m	0.400	ng	0.56
35) Perylene-d12	24.693	264	2018m	0.400	ng	1.02
System Monitoring Compounds						
4) 2-Fluorophenol	6.042	112	1326m	0.485	ng	0.65
5) Phenol-d6	7.746	99	1594m	0.488	ng	0.77
8) Nitrobenzene-d5	9.751	82	1368m	0.364	ng	0.81
11) 2-Methylnaphthalene-d10	12.921	152	2123m	0.325	ng	0.77
14) 2,4,6-Tribromophenol	16.551	330	677m	0.307	ng	0.66
15) 2-Fluorobiphenyl	13.776	172	4135m	0.400	ng	0.75
27) Fluoranthene-d10	19.761	212	3587m	0.279	ng	0.58
31) Terphenyl-d14	20.351	244	2004m	0.430	ng	0.56
Target Compounds						Qvalue
2) 1,4-Dioxane	3.694	88	415m	0.426	ng	
3) n-Nitrosodimethylamine	4.157	42	275m	0.465	ng	
6) bis(2-Chloroethyl)ether	7.999	93	1248m	0.539	ng	
9) Naphthalene	11.448	128	3573m	0.368	ng	
10) Hexachlorobutadiene	11.720	225	1530m	0.357	ng	
12) 2-Methylnaphthalene	12.692	142	831m	0.105	ng	
16) Acenaphthylene	14.824	152	4197m	0.381	ng	
17) Acenaphthene	15.144	154	2649m	0.384	ng	
18) Fluorene	16.104	166	3628m	0.329	ng	
20) 4,6-Dinitro-2-methylph...	16.203	198	164m	0.133	ng	
21) 4-Bromophenyl-phenylether	16.985	248	1577m	0.426	ng	
22) Hexachlorobenzene	17.084	284	1691m	0.401	ng	
23) Atrazine	17.271	200	1237m	0.379	ng	
24) Pentachlorophenol	17.444	266	939m	0.407	ng	
25) Phenanthrene	17.817	178	5113m	0.374	ng	
26) Anthracene	17.916	178	5035m	0.381	ng	
28) Fluoranthene	19.789	202	5559m	0.296	ng	
30) Pyrene	20.142	202	5310m	0.465	ng	
32) Benzo(a)anthracene	21.884	228	3761m	0.403	ng	
33) Chrysene	21.947	228	3689m	0.402	ng	
34) Bis(2-ethylhexyl)phtha...	21.821	149	2970m	0.516	ng	
36) Indeno(1,2,3-cd)pyrene	27.769	276	4325m	0.420	ng	
37) Benzo(b)fluoranthene	23.810	252	3859m	0.356	ng	
38) Benzo(k)fluoranthene	23.871	252	3843m	0.378	ng	
39) Benzo(a)pyrene	24.558	252	3448m	0.385	ng	
40) Dibenzo(a,h)anthracene	27.839	278	3328m	0.419	ng	
41) Benzo(g,h,i)perylene	28.733	276	3710m	0.427	ng	

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

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