Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017912.D
Acq On : 11 Dec 2021 19:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/13/2021
Supervised By :Jagrut Upadhyay 12/13/2021

Quant Time: Dec 11 21:31:17 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN121121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Dec 11 00:01:30 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	26644	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	106559	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	64964	0.400	ng		0.00
19) Phenanthrene-d10	17.092	188	126836	0.400	ng		0.00
29) Chrysene-d12	21.293	240	93558	0.400	ng		0.00
35) Perylene-d12	23.589	264	66937	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	21308	0.388	ng		0.00
5) Phenol-d6	6.894	99	20619	0.378	ng		0.00
8) Nitrobenzene-d5	8.859	82	23068	0.332	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	73635	0.393	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4751	0.467	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	90435	0.396	ng		0.00
27) Fluoranthene-d10	19.129	212	155559	0.378	ng		0.00
31) Terphenyl-d14	19.740	244	92822	0.402	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	3145	0.389	ng		99
3) n-Nitrosodimethylamine	3.602	42	9333	0.382	ng		96
6) bis(2-Chloroethyl)ether	7.143	93	27105	0.405	ng		100
9) Naphthalene	10.545	128	105005	0.396	ng		100
10) Hexachlorobutadiene	10.836	225	29107	0.386	ng	#	100
12) 2-Methylnaphthalene	12.161	142	70634	0.401	ng		99
16) Acenaphthylene	14.055	152	90760	0.374	ng		100
17) Acenaphthene	14.398	154	67527	0.401	ng		99
18) Fluorene	15.388	166	80785	0.394	ng		100
20) 4,6-Dinitro-2-methylph...	15.527	198	105	0.584	ng	#	78
21) 4-Bromophenyl-phenylether	16.289	248	27055	0.372	ng		100
22) Hexachlorobenzene	16.399	284	38112	0.402	ng		99
23) Atrazine	16.569	200	15781	0.344	ng		100
24) Pentachlorophenol	16.776	266	1295	0.506	ng		96
25) Phenanthrene	17.129	178	129141	0.399	ng		100
26) Anthracene	17.226	178	100343	0.371	ng		99
28) Fluoranthene	19.159	202	158423	0.397	ng		100
30) Pyrene	19.522	202	154501	0.421	ng		100
32) Benzo(a)anthracene	21.282	228	89494	0.348	ng		99
33) Chrysene	21.325	228	121932	0.397	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	32465	0.323	ng		100
36) Indeno(1,2,3-cd)pyrene	25.965	276	37105	0.351	ng		100
37) Benzo(b)fluoranthene	22.894	252	81076	0.367	ng		100
38) Benzo(k)fluoranthene	22.939	252	107530m	0.499	ng		
39) Benzo(a)pyrene	23.493	252	72282	0.368	ng		99
40) Dibenzo(a,h)anthracene	25.985	278	30167m	0.415	ng		
41) Benzo(g,h,i)perylene	26.673	276	37490	0.352	ng		99

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

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