Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN120721\
Data File : BN017769.D
Acq On : 07 Dec 2021 17:36
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN120721

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 12/08/2021
Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 08 01:19:38 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN120721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 08 01:18:09 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	21381	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	81276	0.400	ng		0.00
13) Acenaphthene-d10	14.347	164	58812	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	122131	0.400	ng		0.00
29) Chrysene-d12	21.283	240	126909	0.400	ng		0.00
35) Perylene-d12	23.586	264	108572	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	20510	0.397	ng		0.00
5) Phenol-d6	6.904	99	18116	0.371	ng		0.00
8) Nitrobenzene-d5	8.859	82	18391	0.340	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	66978	0.413	ng		0.00
14) 2,4,6-Tribromophenol	15.845	330	9876	0.321	ng		0.00
15) 2-Fluorobiphenyl	12.965	172	87361	0.406	ng		0.00
27) Fluoranthene-d10	19.130	212	161364	0.395	ng		0.00
31) Terphenyl-d14	19.735	244	108977	0.400	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	3214m	0.408	ng		
3) n-Nitrosodimethylamine	3.603	42	8860	0.401	ng		100
6) bis(2-Chloroethyl)ether	7.143	93	23387	0.423	ng		100
9) Naphthalene	10.545	128	83466	0.392	ng		100
10) Hexachlorobutadiene	10.836	225	26024	0.421	ng	#	100
12) 2-Methylnaphthalene	12.165	142	64444	0.420	ng		97
16) Acenaphthylene	14.056	152	87502	0.379	ng		100
17) Acenaphthene	14.398	154	62674	0.407	ng		100
18) Fluorene	15.388	166	77896	0.396	ng		99
20) 4,6-Dinitro-2-methylph...	15.502	198	305	0.295	ng		96
21) 4-Bromophenyl-phenylether	16.289	248	28457	0.385	ng		99
22) Hexachlorobenzene	16.399	284	36440	0.415	ng		99
23) Atrazine	16.557	200	18288	0.342	ng		99
24) Pentachlorophenol	16.764	266	4492	0.416	ng		100
25) Phenanthrene	17.129	178	128145	0.399	ng		100
26) Anthracene	17.227	178	107161	0.380	ng		100
28) Fluoranthene	19.159	202	160769	0.412	ng		100
30) Pyrene	19.522	202	163851	0.407	ng		100
32) Benzo(a)anthracene	21.272	228	154522	0.396	ng		100
33) Chrysene	21.325	228	160749	0.394	ng		99
34) Bis(2-ethylhexyl)phtha...	21.219	149	56257	0.318	ng		100
36) Indeno(1,2,3-cd)pyrene	25.937	276	109564	0.364	ng		100
37) Benzo(b)fluoranthene	22.888	252	148828	0.403	ng		100
38) Benzo(k)fluoranthene	22.932	252	142071	0.408	ng		100
39) Benzo(a)pyrene	23.483	252	130768	0.394	ng		99
40) Dibenzo(a,h)anthracene	25.961	278	81662	0.350	ng		99
41) Benzo(g,h,i)perylene	26.660	276	93826	0.374	ng		100

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

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