Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN121121\
Data File : BN017883.D
Acq On : 10 Dec 2021 23:05
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN121121

Quant Time: Dec 11 00:10:47 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

Manual Integrations APPROVED

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

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.715	152	23668	0.400	ng		0.00
7) Naphthalene-d8	10.494	136	95904	0.400	ng		0.00
13) Acenaphthene-d10	14.335	164	59850	0.400	ng		0.00
19) Phenanthrene-d10	17.093	188	119492	0.400	ng		0.00
29) Chrysene-d12	21.293	240	92914	0.400	ng		0.00
35) Perylene-d12	23.589	264	62754	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.327	112	19000	0.389	ng		0.00
5) Phenol-d6	6.894	99	18449	0.381	ng		0.00
8) Nitrobenzene-d5	8.859	82	21351	0.341	ng		0.00
11) 2-Methylnaphthalene-d10	12.090	152	67178	0.398	ng		0.00
14) 2,4,6-Tribromophenol	15.844	330	4737	0.478	ng		0.00
15) 2-Fluorobiphenyl	12.964	172	83202	0.395	ng		0.00
27) Fluoranthene-d10	19.129	212	151041	0.390	ng		0.00
31) Terphenyl-d14	19.740	244	93368	0.408	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.261	88	2873	0.400	ng		99
3) n-Nitrosodimethylamine	3.602	42	8443	0.389	ng		99
6) bis(2-Chloroethyl)ether	7.143	93	23986	0.404	ng		99
9) Naphthalene	10.545	128	93018	0.390	ng		100
10) Hexachlorobutadiene	10.836	225	26774	0.394	ng	#	100
12) 2-Methylnaphthalene	12.161	142	63974	0.403	ng		100
16) Acenaphthylene	14.055	152	84351	0.377	ng		100
17) Acenaphthene	14.398	154	61832	0.398	ng		99
18) Fluorene	15.388	166	75211	0.398	ng		100
21) 4-Bromophenyl-phenylether	16.289	248	25812	0.377	ng		99
22) Hexachlorobenzene	16.399	284	35959	0.403	ng		100
23) Atrazine	16.569	200	16886	0.379	ng		100
24) Pentachlorophenol	16.776	266	761	0.384	ng		98
25) Phenanthrene	17.129	178	120653	0.395	ng		100
26) Anthracene	17.226	178	95984	0.377	ng		99
28) Fluoranthene	19.159	202	152521	0.406	ng		100
30) Pyrene	19.522	202	152096	0.417	ng		100
32) Benzo(a)anthracene	21.272	228	93328	0.363	ng		99
33) Chrysene	21.325	228	117986	0.387	ng		100
34) Bis(2-ethylhexyl)phtha...	21.208	149	34772	0.349	ng		100
36) Indeno(1,2,3-cd)pyrene	25.958	276	34456	0.349	ng	#	82
37) Benzo(b)fluoranthene	22.894	252	77090	0.372	ng		100
38) Benzo(k)fluoranthene	22.935	252	75682	0.375	ng		100
39) Benzo(a)pyrene	23.490	252	68287	0.371	ng	#	96
40) Dibenzo(a,h)anthracene	25.985	278	22872m	0.355	ng		
41) Benzo(g,h,i)perylene	26.677	276	35365	0.355	ng		99

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

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