Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN022421\
Data File : BN013740.D
Acq On : 24 Feb 2021 18:30
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Feb 24 21:24:10 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN022421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Feb 24 21:22:40 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.749	152	4827	0.40	ng		0.00
7) Naphthalene-d8	10.530	136	18384	0.40	ng	#	0.00
13) Acenaphthene-d10	14.384	164	11048	0.40	ng		0.00
19) Phenanthrene-d10	17.128	188	24700	0.40	ng		0.00
29) Chrysene-d12	21.314	240	25700	0.40	ng	#	0.00
36) Perylene-d12	23.558	264	26583	0.40	ng	#	0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.333	112	5918	0.57	ng		0.00
5) Phenol-d6	6.903	99	7910	0.61	ng		0.00
8) Nitrobenzene-d5	8.883	82	4781	0.47	ng		0.00
11) 2-Methylnaphthalene-d10	12.124	152	11581	0.40	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	1909	0.61	ng		0.00
15) 2-Fluorobiphenyl	13.014	172	16142	0.39	ng		0.00
27) Fluoranthene-d10	19.159	212	28383	0.43	ng		0.00
31) Terphenyl-d14	19.764	244	23753	0.42	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	2240	0.41	ng	#	92
3) n-Nitrosodimethylamine	3.601	42	1545	0.39	ng	#	94
6) bis(2-Chloroethyl)ether	7.177	93	4842	0.42	ng		96
9) Naphthalene	10.581	128	17613	0.39	ng		97
10) Hexachlorobutadiene	10.873	225	3408	0.45	ng	#	100
12) 2-Methylnaphthalene	12.200	142	12432	0.40	ng		98
16) Acenaphthylene	14.105	152	19144	0.45	ng		100
17) Acenaphthene	14.448	154	12001	0.39	ng		99
18) Fluorene	15.437	166	15682	0.41	ng		99
20) 4,6-Dinitro-2-methylph...	15.501	198	637	0.26	ng	#	1
21) 4-Bromophenyl-phenylether	16.325	248	5193	0.42	ng	#	90
22) Hexachlorobenzene	16.435	284	5426	0.40	ng		98
23) Atrazine	16.593	200	4855	0.62	ng	#	93
24) Pentachlorophenol	16.776	266	1638	0.59	ng		97
25) Phenanthrene	17.165	178	25203	0.37	ng		100
26) Anthracene	17.262	178	24623	0.44	ng		100
28) Fluoranthene	19.188	202	30265	0.41	ng		99
30) Pyrene	19.551	202	31328	0.41	ng		100
32) Benzo(a)anthracene	21.293	228	30959	0.45	ng		98
33) Chrysene	21.346	228	30885	0.39	ng		98
34) Bis(2-ethylhexyl)phtha...	21.250	149	14453	0.72	ng		98
35) Indeno(1,2,3-cd)pyrene	25.831	276	36907	0.45	ng		100
37) Benzo(b)fluoranthene	22.883	252	33014	0.36	ng		96
38) Benzo(k)fluoranthene	22.928	252	31941	0.34	ng		98
39) Benzo(a)pyrene	23.458	252	29368	0.38	ng	#	92
40) Dibenzo(a,h)anthracene	25.854	278	31493	0.37	ng		98
41) Benzo(g,h,i)perylene	26.522	276	31648	0.36	ng		98

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

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