Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN072421\
Data File : BN015665.D
Acq On : 23 Jul 2021 12:00
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: Jul 23 12:32:49 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN072421.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 23 12:32:24 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.744	152	12616	0.400	ng		0.00
7) Naphthalene-d8	10.521	136	54724	0.400	ng		0.00
13) Acenaphthene-d10	14.370	164	27453	0.400	ng		0.00
19) Phenanthrene-d10	17.115	188	50679	0.400	ng		0.00
29) Chrysene-d12	21.312	240	44217	0.400	ng		0.00
35) Perylene-d12	23.628	264	37329	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.346	112	11205	0.308	ng		0.00
5) Phenol-d6	6.914	99	12873	0.297	ng		0.00
8) Nitrobenzene-d5	8.886	82	13524	0.344	ng		0.00
11) 2-Methylnaphthalene-d10	12.114	152	31436	0.345	ng		0.00
14) 2,4,6-Tribromophenol	15.867	330	3078	0.250	ng		0.00
15) 2-Fluorobiphenyl	13.000	172	43326	0.397	ng		0.00
27) Fluoranthene-d10	19.157	212	49746	0.320	ng		0.00
31) Terphenyl-d14	19.763	244	40628	0.395	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	1428	0.335	ng		100
3) n-Nitrosodimethylamine	3.650	42	3469	0.333	ng		100
6) bis(2-Chloroethyl)ether	7.172	93	14243	0.366	ng		100
9) Naphthalene	10.571	128	56732	0.362	ng		100
10) Hexachlorobutadiene	10.863	225	10955	0.373	ng	#	100
12) 2-Methylnaphthalene	12.189	142	36653	0.361	ng		100
16) Acenaphthylene	14.091	152	42294	0.334	ng		100
17) Acenaphthene	14.434	154	30647	0.356	ng		100
18) Fluorene	15.423	166	36548	0.351	ng		100
20) 4,6-Dinitro-2-methylph...	15.512	198	671	0.161	ng		100
21) 4-Bromophenyl-phenylether	16.312	248	11134	0.351	ng		100
22) Hexachlorobenzene	16.433	284	13239	0.377	ng		100
23) Atrazine	16.592	200	6286	0.271	ng		100
24) Pentachlorophenol	16.774	266	1782	0.202	ng		100
25) Phenanthrene	17.164	178	59489	0.363	ng		100
26) Anthracene	17.249	178	45819	0.327	ng		100
28) Fluoranthene	19.187	202	63336	0.351	ng		100
30) Pyrene	19.549	202	61533	0.369	ng		100
32) Benzo(a)anthracene	21.302	228	48760	0.307	ng		100
33) Chrysene	21.355	228	61696	0.379	ng		100
34) Bis(2-ethylhexyl)phtha...	21.238	149	14889	0.197	ng		100
36) Indeno(1,2,3-cd)pyrene	25.997	276	50220	0.327	ng		100
37) Benzo(b)fluoranthene	22.930	252	53309	0.371	ng		100
38) Benzo(k)fluoranthene	22.974	252	56349	0.382	ng		100
39) Benzo(a)pyrene	23.525	252	40563	0.322	ng		100
40) Dibenzo(a,h)anthracene	26.014	278	39311	0.321	ng		100
41) Benzo(g,h,i)perylene	26.719	276	46531	0.352	ng		100

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

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