Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052621\
Data File : BN014770.D
Acq On : 26 May 2021 18:08
Operator : CG/JU
Sample : SSTDICCC0.4
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICCC0.4

Quant Time: May 26 18:48:07 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN052621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 26 18:47:42 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.716	152	390	0.40	ng		0.00
7) Naphthalene-d8	10.505	136	1487	0.40	ng		0.00
13) Acenaphthene-d10	14.359	164	1192	0.40	ng		0.00
19) Phenanthrene-d10	17.116	188	3302	0.40	ng		0.00
29) Chrysene-d12	21.322	240	5425	0.40	ng		0.00
35) Perylene-d12	23.586	264	5454	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.325	112	473	0.46	ng		0.00
5) Phenol-d6	6.895	99	653	0.47	ng		0.00
8) Nitrobenzene-d5	8.870	82	546	0.43	ng		0.00
11) 2-Methylnaphthalene-d10	12.102	152	1227	0.34	ng		0.00
14) 2,4,6-Tribromophenol	15.869	330	254	0.46	ng		0.00
15) 2-Fluorobiphenyl	12.989	172	1794	0.41	ng		0.00
27) Fluoranthene-d10	19.156	212	5522	0.37	ng		0.00
31) Terphenyl-d14	19.761	244	5210	0.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.271	88	167	0.32	ng	#	83
3) n-Nitrosodimethylamine	3.641	42	29	0.15	ng	#	100
6) bis(2-Chloroethyl)ether	7.153	93	500	0.44	ng		100
9) Naphthalene	10.556	128	1767	0.45	ng		100
10) Hexachlorobutadiene	10.847	225	463	0.49	ng	#	100
12) 2-Methylnaphthalene	12.173	142	1271	0.44	ng		100
16) Acenaphthylene	14.080	152	1863	0.42	ng		100
17) Acenaphthene	14.422	154	1435	0.44	ng		100
18) Fluorene	15.412	166	2071	0.47	ng		100
20) 4,6-Dinitro-2-methylph...	15.513	198	91	0.24	ng		100
21) 4-Bromophenyl-phenylether	16.312	248	882	0.44	ng		100
22) Hexachlorobenzene	16.422	284	1018	0.48	ng		99
23) Atrazine	16.580	200	537	0.42	ng		100
24) Pentachlorophenol	16.775	266	154	0.22	ng		100
25) Phenanthrene	17.152	178	3939	0.43	ng		100
26) Anthracene	17.250	178	3246	0.43	ng		100
28) Fluoranthene	19.186	202	5941	0.50	ng		100
30) Pyrene	19.553	202	6135	0.41	ng		100
32) Benzo(a)anthracene	21.300	228	6524	0.41	ng		100
33) Chrysene	21.353	228	7561	0.46	ng		100
34) Bis(2-ethylhexyl)phtha...	21.237	149	1916	0.44	ng		100
36) Indeno(1,2,3-cd)pyrene	25.869	276	9301	0.42	ng		100
37) Benzo(b)fluoranthene	22.901	252	8174	0.44	ng		100
38) Benzo(k)fluoranthene	22.949	252	8818	0.46	ng		100
39) Benzo(a)pyrene	23.486	252	7214	0.46	ng		100
40) Dibenzo(a,h)anthracene	25.886	278	7699	0.41	ng		100
41) Benzo(g,h,i)perylene	26.567	276	8749	0.49	ng		100

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

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