Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016812.D
Acq On : 07 Oct 2021 17:01
Operator : CG/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC0.2

Quant Time: Oct 07 18:26:31 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 07 18:25:32 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.615	152	17535	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	78274	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	40708	0.40	ng	0.00
19) Phenanthrene-d10	17.005	188	74758	0.40	ng	0.00
29) Chrysene-d12	21.217	240	76149	0.40	ng	# 0.00
35) Perylene-d12	23.454	264	81621	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	8683	0.19	ng	0.00
5) Phenol-d6	6.794	99	9482	0.19	ng	0.00
8) Nitrobenzene-d5	8.759	82	10084	0.18	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	22531	0.19	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	3273	0.18	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	33929	0.21	ng	0.00
27) Fluoranthene-d10	19.043	212	39478	0.19	ng	0.00
31) Terphenyl-d14	19.659	244	36329	0.21	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	1520	0.19	ng	# 62
3) n-Nitrosodimethylamine	3.549	42	2538	0.19	ng	100
6) bis(2-Chloroethyl)ether	7.052	93	9823	0.21	ng	99
9) Naphthalene	10.432	128	42459	0.20	ng	100
10) Hexachlorobutadiene	10.724	225	8074	0.20	ng	# 100
12) 2-Methylnaphthalene	12.056	142	26863	0.20	ng	99
16) Acenaphthylene	13.964	152	31648	0.18	ng	100
17) Acenaphthene	14.307	154	22864	0.19	ng	98
18) Fluorene	15.297	166	27097	0.19	ng	99
20) 4,6-Dinitro-2-methylph...	15.398	198	1307	0.25	ng	# 75
21) 4-Bromophenyl-phenylether	16.202	248	8770	0.19	ng	99
22) Hexachlorobenzene	16.312	284	10559	0.20	ng	99
23) Atrazine	16.482	200	6064	0.17	ng	98
24) Pentachlorophenol	16.665	266	2784	0.20	ng	99
25) Phenanthrene	17.042	178	44201	0.20	ng	100
26) Anthracene	17.139	178	36013	0.18	ng	100
28) Fluoranthene	19.073	202	48442	0.20	ng	99
30) Pyrene	19.440	202	49088	0.20	ng	100
32) Benzo(a)anthracene	21.196	228	48388	0.20	ng	98
33) Chrysene	21.249	228	50022	0.21	ng	98
34) Bis(2-ethylhexyl)phtha...	21.153	149	23515	0.16	ng	100
36) Indeno(1,2,3-cd)pyrene	25.720	276	64264	0.25	ng	99
37) Benzo(b)fluoranthene	22.779	252	53633	0.20	ng	99
38) Benzo(k)fluoranthene	22.827	252	52669	0.21	ng	97
39) Benzo(a)pyrene	23.354	252	47763	0.20	ng	99
40) Dibenzo(a,h)anthracene	25.740	278	52261	0.25	ng	98
41) Benzo(g,h,i)perylene	26.411	276	56302	0.24	ng	99

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

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