Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016817.D
Acq On : 07 Oct 2021 20:04
Operator : CG/JU
Sample : SSTDICC5.0
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC5.0

Quant Time: Oct 08 01:20:22 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	21471	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	85703	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	45730	0.40	ng	0.00
19) Phenanthrene-d10	17.006	188	89110	0.40	ng	0.00
29) Chrysene-d12	21.217	240	90842	0.40	ng	# 0.00
35) Perylene-d12	23.454	264	100102	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	250617	4.57	ng	0.00
5) Phenol-d6	6.794	99	296380	4.88	ng	0.00
8) Nitrobenzene-d5	8.759	82	327240	5.45	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	612300	4.80	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	142335	7.04	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	862175	4.71	ng	0.00
27) Fluoranthene-d10	19.043	212	1228315	5.04	ng	0.00
31) Terphenyl-d14	19.659	244	1029586	5.07	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	44589	4.45	ng	# 70
3) n-Nitrosodimethylamine	3.539	42	85385	5.28	ng	99
6) bis(2-Chloroethyl)ether	7.052	93	264513	4.53	ng	100
9) Naphthalene	10.432	128	1098817	4.69	ng	100
10) Hexachlorobutadiene	10.724	225	212135	4.84	ng	# 100
12) 2-Methylnaphthalene	12.052	142	694943	4.66	ng	100
16) Acenaphthylene	13.964	152	1056677	5.23	ng	100
17) Acenaphthene	14.307	154	655313	4.91	ng	99
18) Fluorene	15.297	166	807187	5.02	ng	99
20) 4,6-Dinitro-2-methylph...	15.385	198	117758	19.11	ng	# 52
21) 4-Bromophenyl-phenylether	16.202	248	282920	5.21	ng	94
22) Hexachlorobenzene	16.312	284	302525	4.92	ng	99
23) Atrazine	16.482	200	245064	5.70	ng	98
25) Phenanthrene	17.042	178	1261507	4.82	ng	100
26) Anthracene	17.139	178	1202116	5.14	ng	100
28) Fluoranthene	19.073	202	1397055	4.81	ng	99
30) Pyrene	19.435	202	1480854	4.96	ng	100
32) Benzo(a)anthracene	21.196	228	1510455	5.36	ng	97
33) Chrysene	21.249	228	1468327	5.14	ng	98
36) Indeno(1,2,3-cd)pyrene	25.720	276	1919023	6.04	ng	99
37) Benzo(b)fluoranthene	22.779	252	1637380	5.06	ng	99
38) Benzo(k)fluoranthene	22.824	252	1528748	4.91	ng	99
39) Benzo(a)pyrene	23.351	252	1511908	5.22	ng	99
40) Dibenzo(a,h)anthracene	25.740	278	1589358	6.30	ng	99
41) Benzo(g,h,i)perylene	26.411	276	1676075	5.94	ng	99

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

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