Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016828.D
Acq On : 08 Oct 2021 05:08
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Oct 08 05:37:35 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN100721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 08 01:39:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.614	152	21163	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	92390	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	47624	0.40	ng	0.00
19) Phenanthrene-d10	17.005	188	91540	0.40	ng	0.00
29) Chrysene-d12	21.206	240	96603	0.40	ng	#-0.01
35) Perylene-d12	23.450	264	103999	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.226	112	20608	0.39	ng	0.00
5) Phenol-d6	6.794	99	23115	0.38	ng	0.00
8) Nitrobenzene-d5	8.759	82	22875	0.35	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	53565	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8574	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	76093	0.40	ng	0.00
27) Fluoranthene-d10	19.043	212	97821	0.38	ng	0.00
31) Terphenyl-d14	19.653	244	86200	0.41	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3762	0.40	ng	# 72
3) n-Nitrosodimethylamine	3.548	42	6486	0.39	ng	97
6) bis(2-Chloroethyl)ether	7.052	93	23409	0.40	ng	100
9) Naphthalene	10.432	128	98238	0.39	ng	100
10) Hexachlorobutadiene	10.723	225	19022	0.40	ng	# 100
12) 2-Methylnaphthalene	12.051	142	63980	0.40	ng	99
16) Acenaphthylene	13.964	152	79094	0.38	ng	100
17) Acenaphthene	14.307	154	54663	0.39	ng	99
18) Fluorene	15.296	166	66804	0.39	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2629	0.31	ng	# 68
21) 4-Bromophenyl-phenylether	16.202	248	21792	0.38	ng	92
22) Hexachlorobenzene	16.311	284	25586	0.39	ng	99
23) Atrazine	16.482	200	15115	0.33	ng	99
24) Pentachlorophenol	16.652	266	8574	0.38	ng	98
25) Phenanthrene	17.042	178	107686	0.40	ng	100
26) Anthracene	17.127	178	90395	0.37	ng	100
28) Fluoranthene	19.073	202	122156	0.40	ng	100
30) Pyrene	19.435	202	122446	0.41	ng	100
32) Benzo(a)anthracene	21.195	228	117387	0.39	ng	97
33) Chrysene	21.248	228	128421	0.42	ng	97
34) Bis(2-ethylhexyl)phtha...	21.142	149	47079	0.31	ng	100
36) Indeno(1,2,3-cd)pyrene	25.712	276	169907	0.43	ng	98
37) Benzo(b)fluoranthene	22.776	252	132323	0.40	ng	99
38) Benzo(k)fluoranthene	22.820	252	142291	0.44	ng	# 96
39) Benzo(a)pyrene	23.351	252	124426	0.41	ng	99
40) Dibenzo(a,h)anthracene	25.733	278	139252	0.43	ng	98
41) Benzo(g,h,i)perylene	26.401	276	143938	0.42	ng	100

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

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