Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016818.D
Acq On : 07 Oct 2021 20:41
Operator : CG/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : ICVBN100721

Quant Time: Oct 08 01:40:54 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	7.615	152	19512	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	87204	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	45738	0.40	ng	0.00
19) Phenanthrene-d10	17.005	188	85811	0.40	ng	0.00
29) Chrysene-d12	21.206	240	89077	0.40	ng	#-0.01
35) Perylene-d12	23.450	264	96288	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.227	112	19122	0.39	ng	0.00
5) Phenol-d6	6.794	99	21844	0.39	ng	0.00
8) Nitrobenzene-d5	8.759	82	22234	0.36	ng	0.00
11) 2-Methylnaphthalene-d10	11.981	152	50975	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	8382	0.35	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	72323	0.39	ng	0.00
27) Fluoranthene-d10	19.043	212	93030	0.39	ng	0.00
31) Terphenyl-d14	19.659	244	81401	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	3406	0.39	ng	# 84
3) n-Nitrosodimethylamine	3.549	42	5889	0.38	ng	100
6) bis(2-Chloroethyl)ether	7.052	93	21913	0.41	ng	100
9) Naphthalene	10.432	128	92621	0.39	ng	100
10) Hexachlorobutadiene	10.724	225	17840	0.39	ng	# 100
12) 2-Methylnaphthalene	12.052	142	60729	0.40	ng	100
16) Acenaphthylene	13.964	152	76833	0.38	ng	100
17) Acenaphthene	14.307	154	52514	0.39	ng	99
18) Fluorene	15.297	166	63567	0.39	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	3210	0.35	ng	# 69
21) 4-Bromophenyl-phenylether	16.202	248	21009	0.39	ng	96
22) Hexachlorobenzene	16.312	284	24473	0.40	ng	99
23) Atrazine	16.482	200	15419	0.36	ng	99
24) Pentachlorophenol	16.653	266	7081	0.35	ng	99
25) Phenanthrene	17.042	178	101604	0.40	ng	100
26) Anthracene	17.127	178	88738	0.39	ng	100
28) Fluoranthene	19.073	202	115438	0.40	ng	100
30) Pyrene	19.435	202	115605	0.42	ng	100
32) Benzo(a)anthracene	21.196	228	113598	0.41	ng	98
33) Chrysene	21.249	228	121304	0.43	ng	98
34) Bis(2-ethylhexyl)phtha...	21.143	149	58198	0.42	ng	100
36) Indeno(1,2,3-cd)pyrene	25.713	276	156205	0.43	ng	99
37) Benzo(b)fluoranthene	22.776	252	127261	0.42	ng	100
38) Benzo(k)fluoranthene	22.824	252	128156	0.43	ng	99
39) Benzo(a)pyrene	23.351	252	118256	0.42	ng	99
40) Dibenzo(a,h)anthracene	25.733	278	127566	0.43	ng	98
41) Benzo(g,h,i)perylene	26.404	276	134026	0.42	ng	99

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

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