Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100721\
Data File : BN016841.D
Acq On : 08 Oct 2021 12:58
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 32 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Oct 08 15:00:02 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	22643	0.40	ng	0.00
7) Naphthalene-d8	10.381	136	101038	0.40	ng	# 0.00
13) Acenaphthene-d10	14.243	164	53253	0.40	ng	0.00
19) Phenanthrene-d10	16.993	188	104465	0.40	ng	#-0.01
29) Chrysene-d12	21.206	240	112684	0.40	ng	#-0.01
35) Perylene-d12	23.450	264	122795	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.236	112	23166	0.41	ng	0.00
5) Phenol-d6	6.794	99	26665	0.41	ng	0.00
8) Nitrobenzene-d5	8.759	82	27887	0.39	ng	0.00
11) 2-Methylnaphthalene-d10	11.976	152	59598	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.753	330	11078	0.40	ng	0.00
15) 2-Fluorobiphenyl	12.873	172	83912	0.39	ng	0.00
27) Fluoranthene-d10	19.043	212	119189	0.41	ng	0.00
31) Terphenyl-d14	19.654	244	102134	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.216	88	3544	0.35	ng	# 72
3) n-Nitrosodimethylamine	3.567	42	7096	0.40	ng	99
6) bis(2-Chloroethyl)ether	7.052	93	25650	0.41	ng	100
9) Naphthalene	10.432	128	107528	0.39	ng	100
10) Hexachlorobutadiene	10.723	225	20942	0.40	ng	# 100
12) 2-Methylnaphthalene	12.052	142	70577	0.40	ng	100
16) Acenaphthylene	13.964	152	93641	0.40	ng	100
17) Acenaphthene	14.307	154	62166	0.40	ng	100
18) Fluorene	15.296	166	76493	0.40	ng	100
20) 4,6-Dinitro-2-methylph...	15.385	198	2336	0.29	ng	# 69
21) 4-Bromophenyl-phenylether	16.202	248	25488	0.39	ng	# 91
22) Hexachlorobenzene	16.312	284	28904	0.39	ng	99
23) Atrazine	16.482	200	19861	0.38	ng	98
24) Pentachlorophenol	16.652	266	11354	0.43	ng	99
25) Phenanthrene	17.042	178	122374	0.39	ng	100
26) Anthracene	17.127	178	108557	0.39	ng	100
28) Fluoranthene	19.073	202	144686	0.42	ng	100
30) Pyrene	19.435	202	148205	0.43	ng	100
32) Benzo(a)anthracene	21.196	228	147424	0.42	ng	98
33) Chrysene	21.249	228	152475	0.43	ng	98
34) Bis(2-ethylhexyl)phtha...	21.142	149	84214	0.48	ng	100
36) Indeno(1,2,3-cd)pyrene	25.716	276	195509	0.42	ng	97
37) Benzo(b)fluoranthene	22.779	252	162353	0.42	ng	99
38) Benzo(k)fluoranthene	22.824	252	164154	0.43	ng	# 95
39) Benzo(a)pyrene	23.351	252	152513	0.43	ng	99
40) Dibenzo(a,h)anthracene	25.733	278	160336	0.42	ng	# 95
41) Benzo(g,h,i)perylene	26.404	276	167419	0.41	ng	99

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

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