Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN071621\
Data File : BN015590.D
Acq On : 16 Jul 2021 10:05
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
7/19/2021 11:54:13 AM

Quant Time: Jul 16 11:44:16 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN071521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 15 15:46:51 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.808	152	14138	0.40	ng		# 0.00
7) Naphthalene-d8	10.584	136	60301	0.40	ng		0.00
13) Acenaphthene-d10	14.434	164	31452	0.40	ng		0.00
19) Phenanthrene-d10	17.176	188	55565	0.40	ng		0.00
29) Chrysene-d12	21.376	240	49141	0.40	ng		# 0.00
35) Perylene-d12	23.727	264	46374	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.393	112	15614	0.39	ng		0.00
5) Phenol-d6	6.979	99	18158	0.38	ng		0.00
8) Nitrobenzene-d5	8.949	82	15615	0.36	ng		0.00
11) 2-Methylnaphthalene-d10	12.181	152	36041	0.36	ng		0.00
14) 2,4,6-Tribromophenol	15.918	330	4085	0.39	ng		0.00
15) 2-Fluorobiphenyl	13.051	172	49424	0.39	ng		0.00
27) Fluoranthene-d10	19.217	212	59374	0.35	ng		0.00
31) Terphenyl-d14	19.817	244	44494	0.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.364	88	3012m	0.44	ng		
3) n-Nitrosodimethylamine	3.705	42	4406	0.38	ng	#	76
6) bis(2-Chloroethyl)ether	7.237	93	16976	0.39	ng	#	84
9) Naphthalene	10.635	128	66656	0.38	ng		97
10) Hexachlorobutadiene	10.926	225	13007	0.40	ng	#	98
12) 2-Methylnaphthalene	12.252	142	41814	0.38	ng	#	89
16) Acenaphthylene	14.142	152	52776	0.36	ng		98
17) Acenaphthene	14.484	154	36982	0.38	ng		99
18) Fluorene	15.474	166	43893	0.37	ng		99
20) 4,6-Dinitro-2-methylph...	15.563	198	694	0.81	ng	#	66
21) 4-Bromophenyl-phenylether	16.373	248	13301	0.38	ng		91
22) Hexachlorobenzene	16.494	284	15511	0.39	ng	#	92
23) Atrazine	16.640	200	8363	0.36	ng		94
24) Pentachlorophenol	16.835	266	2721	0.53	ng		100
25) Phenanthrene	17.212	178	68495	0.38	ng		99
26) Anthracene	17.310	178	55366	0.36	ng		99
28) Fluoranthene	19.247	202	73511	0.38	ng	#	97
30) Pyrene	19.609	202	72102	0.38	ng		99
32) Benzo(a)anthracene	21.355	228	61148	0.36	ng		98
33) Chrysene	21.408	228	69267	0.38	ng		98
34) Bis(2-ethylhexyl)phtha...	21.302	149	22210	0.30	ng	#	87
36) Indeno(1,2,3-cd)pyrene	26.137	276	63459	0.38	ng	#	86
37) Benzo(b)fluoranthene	23.012	252	68360	0.38	ng	#	95
38) Benzo(k)fluoranthene	23.057	252	71217	0.39	ng	#	94
39) Benzo(a)pyrene	23.621	252	58074	0.37	ng	#	92
40) Dibenzo(a,h)anthracene	26.154	278	48791	0.38	ng	#	91
41) Benzo(g,h,i)perylene	26.877	276	53686	0.38	ng	#	90

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

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