Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015298.D
Acq On : 02 Jul 2021 16:18
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Manual Integrations APPROVED
mohammad
7/6/2021 10:02:58 AM

Quant Time: Jul 02 17:07:47 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jul 01 09:06:31 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.735	152	19519	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	85409	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	43906	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	82073	0.40	ng		0.00
29) Chrysene-d12	21.291	240	59462	0.40	ng		#-0.01
35) Perylene-d12	23.543	264	42994	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.356	112	21515	0.43	ng		0.00
5) Phenol-d6	6.905	99	25920	0.41	ng		0.00
8) Nitrobenzene-d5	8.860	82	21062	0.44	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	54365	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	4647	0.47	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	70251	0.39	ng		0.00
27) Fluoranthene-d10	19.127	212	89198	0.37	ng		0.00
31) Terphenyl-d14	19.733	244	63273	0.45	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	3312m	0.36	ng		
3) n-Nitrosodimethylamine	3.696	42	6296	0.37	ng	#	76
6) bis(2-Chloroethyl)ether	7.163	93	24912	0.40	ng	#	85
9) Naphthalene	10.546	128	96705	0.39	ng		97
10) Hexachlorobutadiene	10.837	225	18201	0.39	ng	#	99
12) 2-Methylnaphthalene	12.158	142	62639	0.40	ng	#	88
16) Acenaphthylene	14.066	152	73626	0.38	ng		98
17) Acenaphthene	14.408	154	52918	0.39	ng		99
18) Fluorene	15.398	166	64059	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	286	0.38	ng		92
21) 4-Bromophenyl-phenylether	16.287	248	19844	0.38	ng		89
22) Hexachlorobenzene	16.397	284	23073	0.39	ng	#	91
23) Atrazine	16.555	200	11754	0.43	ng		93
24) Pentachlorophenol	16.750	266	2940	0.53	ng		99
25) Phenanthrene	17.127	178	103931	0.39	ng		99
26) Anthracene	17.224	178	83757	0.37	ng		99
28) Fluoranthene	19.157	202	110151	0.39	ng	#	97
30) Pyrene	19.525	202	106788	0.47	ng		99
32) Benzo(a)anthracene	21.280	228	73480	0.36	ng		96
33) Chrysene	21.323	228	87422	0.39	ng		99
34) Bis(2-ethylhexyl)phtha...	21.217	149	28144	0.53	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.805	276	43066	0.28	ng	#	88
37) Benzo(b)fluoranthene	22.865	252	69538	0.41	ng	#	95
38) Benzo(k)fluoranthene	22.909	252	70907	0.39	ng	#	95
39) Benzo(a)pyrene	23.443	252	55987	0.36	ng	#	93
40) Dibenzo(a,h)anthracene	25.822	278	31178	0.26	ng	#	91
41) Benzo(g,h,i)perylene	26.486	276	41553	0.31	ng	#	89

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

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