Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015317.D
Acq On : 03 Jul 2021 04:55
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 10:03:40 AM

Quant Time: Jul 03 06:23:24 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	7.734	152	22582	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	98513	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	51308	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	95793	0.40	ng		# 0.00
29) Chrysene-d12	21.280	240	68747	0.40	ng		#-0.02
35) Perylene-d12	23.529	264	54234	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.356	112	24998	0.43	ng		0.00
5) Phenol-d6	6.905	99	29762	0.41	ng		0.00
8) Nitrobenzene-d5	8.860	82	25070	0.45	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	62632	0.38	ng		0.00
14) 2,4,6-Tribromophenol	15.829	330	5815	0.48	ng		-0.01
15) 2-Fluorobiphenyl	12.962	172	81098	0.39	ng		0.00
27) Fluoranthene-d10	19.127	212	104922	0.37	ng		0.00
31) Terphenyl-d14	19.728	244	74422	0.46	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.345	88	3753m	0.35	ng		
3) n-Nitrosodimethylamine	3.696	42	7415	0.37	ng	#	76
6) bis(2-Chloroethyl)ether	7.163	93	28895	0.41	ng	#	85
9) Naphthalene	10.546	128	111738	0.40	ng		96
10) Hexachlorobutadiene	10.837	225	21044	0.40	ng	#	98
12) 2-Methylnaphthalene	12.154	142	72372	0.40	ng	#	89
16) Acenaphthylene	14.053	152	86775	0.38	ng		98
17) Acenaphthene	14.408	154	61520	0.39	ng		99
18) Fluorene	15.398	166	75000	0.39	ng		98
20) 4,6-Dinitro-2-methylph...	15.474	198	312	0.37	ng	#	82
21) 4-Bromophenyl-phenylether	16.287	248	23115	0.38	ng		94
22) Hexachlorobenzene	16.397	284	26891	0.39	ng	#	92
23) Atrazine	16.555	200	13812	0.44	ng		94
24) Pentachlorophenol	16.750	266	4071	0.58	ng		98
25) Phenanthrene	17.127	178	119440	0.39	ng		99
26) Anthracene	17.224	178	97461	0.37	ng		99
28) Fluoranthene	19.157	202	129671	0.39	ng	#	97
30) Pyrene	19.520	202	126197	0.48	ng		99
32) Benzo(a)anthracene	21.270	228	87073	0.37	ng		97
33) Chrysene	21.323	228	103321	0.40	ng		97
34) Bis(2-ethylhexyl)phtha...	21.206	149	37068	0.58	ng	#	86
36) Indeno(1,2,3-cd)pyrene	25.785	276	58613	0.30	ng	#	89
37) Benzo(b)fluoranthene	22.855	252	88563	0.42	ng	#	93
38) Benzo(k)fluoranthene	22.899	252	87270	0.38	ng	#	94
39) Benzo(a)pyrene	23.433	252	73971	0.38	ng	#	83
40) Dibenzo(a,h)anthracene	25.798	278	42793	0.28	ng	#	91
41) Benzo(g,h,i)perylene	26.473	276	53103	0.32	ng	#	89

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

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