Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070621\
Data File : BN015350.D
Acq On : 06 Jul 2021 22:15
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 07 01:33:22 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	15440	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	71253	0.40	ng	0.00
13) Acenaphthene-d10	14.345	164	40330	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	81896	0.40	ng	0.00
29) Chrysene-d12	21.291	240	75571	0.40	ng	#-0.01
35) Perylene-d12	23.536	264	43330	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.365	112	19338	0.49	ng	0.00
5) Phenol-d6	6.905	99	24030	0.48	ng	0.00
8) Nitrobenzene-d5	8.873	82	19969	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.087	152	47476	0.40	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	8464	0.71	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	61956	0.38	ng	0.00
27) Fluoranthene-d10	19.132	212	99766	0.41	ng	0.00
31) Terphenyl-d14	19.733	244	74595	0.42	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	2519	0.35	ng	# 58
3) n-Nitrosodimethylamine	3.705	42	4882	0.36	ng	# 79
6) bis(2-Chloroethyl)ether	7.172	93	19707	0.40	ng	# 86
9) Naphthalene	10.546	128	80393	0.39	ng	97
10) Hexachlorobutadiene	10.838	225	15679	0.41	ng	# 99
12) 2-Methylnaphthalene	12.158	142	54852	0.42	ng	# 90
16) Acenaphthylene	14.066	152	73832	0.41	ng	98
17) Acenaphthene	14.408	154	49380	0.39	ng	98
18) Fluorene	15.398	166	62210	0.41	ng	98
20) 4,6-Dinitro-2-methylph...	15.474	198	64	0.24	ng	# 66
21) 4-Bromophenyl-phenylether	16.287	248	19864	0.38	ng	# 77
22) Hexachlorobenzene	16.409	284	22001	0.37	ng	# 93
23) Atrazine	16.555	200	15733	0.52	ng	92
24) Pentachlorophenol	16.750	266	8380	1.01	ng	99
25) Phenanthrene	17.139	178	101843	0.39	ng	99
26) Anthracene	17.224	178	92087	0.41	ng	99
28) Fluoranthene	19.162	202	119333	0.42	ng	# 97
30) Pyrene	19.525	202	121201	0.42	ng	99
32) Benzo(a)anthracene	21.270	228	109791	0.42	ng	98
33) Chrysene	21.323	228	108776	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	64368	0.81	ng	# 88
36) Indeno(1,2,3-cd)pyrene	25.792	276	38337	0.25	ng	# 87
37) Benzo(b)fluoranthene	22.862	252	83239	0.49	ng	# 89
38) Benzo(k)fluoranthene	22.906	252	81368	0.45	ng	# 94
39) Benzo(a)pyrene	23.437	252	62734	0.40	ng	# 66
40) Dibenzo(a,h)anthracene	25.805	278	34375	0.28	ng	# 91
41) Benzo(g,h,i)perylene	26.483	276	26268	0.20	ng	# 89

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

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