Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015334.D
Acq On : 03 Jul 2021 15:00
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
7/6/2021 10:04:18 AM

Quant Time: Jul 05 05:50:01 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	7.726	152	23456	0.40	ng	# 0.00
7) Naphthalene-d8	10.496	136	103435	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	55106	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	102517	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	78310	0.40	ng	-0.01
35) Perylene-d12	23.533	264	61938	0.40	ng	-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.356	112	27532	0.46	ng	0.00
5) Phenol-d6	6.896	99	33468	0.44	ng	0.00
8) Nitrobenzene-d5	8.861	82	28464	0.49	ng	0.00
11) 2-Methylnaphthalene-d10	12.079	152	67060	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	7215	0.52	ng	-0.01
15) 2-Fluorobiphenyl	12.962	172	86015	0.38	ng	0.00
27) Fluoranthene-d10	19.128	212	116427	0.38	ng	0.00
31) Terphenyl-d14	19.728	244	82153	0.45	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	3933m	0.36	ng	
3) n-Nitrosodimethylamine	3.687	42	7954	0.39	ng	# 77
6) bis(2-Chloroethyl)ether	7.163	93	30230	0.41	ng	# 85
9) Naphthalene	10.546	128	116977	0.39	ng	97
10) Hexachlorobutadiene	10.838	225	22064	0.39	ng	# 99
12) 2-Methylnaphthalene	12.154	142	76938	0.40	ng	# 90
16) Acenaphthylene	14.053	152	97755	0.40	ng	98
17) Acenaphthene	14.408	154	66434	0.39	ng	99
18) Fluorene	15.385	166	80674	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	347	0.37	ng	# 81
21) 4-Bromophenyl-phenylether	16.288	248	25253	0.39	ng	94
22) Hexachlorobenzene	16.397	284	28492	0.39	ng	# 92
23) Atrazine	16.555	200	17251	0.48	ng	93
24) Pentachlorophenol	16.750	266	4504	0.60	ng	99
25) Phenanthrene	17.127	178	128942	0.39	ng	99
26) Anthracene	17.225	178	109137	0.39	ng	99
28) Fluoranthene	19.157	202	141276	0.40	ng	# 97
30) Pyrene	19.520	202	139648	0.47	ng	99
32) Benzo(a)anthracene	21.270	228	108176	0.40	ng	98
33) Chrysene	21.323	228	113186	0.39	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	56298	0.71	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.788	276	65556	0.30	ng	# 88
37) Benzo(b)fluoranthene	22.858	252	102472	0.42	ng	# 93
38) Benzo(k)fluoranthene	22.903	252	98034	0.38	ng	# 94
39) Benzo(a)pyrene	23.433	252	82106	0.37	ng	# 86
40) Dibenzo(a,h)anthracene	25.805	278	48823	0.28	ng	# 91
41) Benzo(g,h,i)perylene	26.473	276	59840	0.31	ng	# 89

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

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