Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
Data File : BN015289.D
Acq On : 02 Jul 2021 09:59
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 02 10:30:04 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	7.725	152	20347	0.40	ng	# 0.00
7) Naphthalene-d8	10.495	136	89163	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	45140	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	83536	0.40	ng	# 0.00
29) Chrysene-d12	21.291	240	64847	0.40	ng	#-0.01
35) Perylene-d12	23.546	264	54812	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.347	112	22256	0.43	ng	-0.02
5) Phenol-d6	6.896	99	27080	0.41	ng	0.00
8) Nitrobenzene-d5	8.861	82	26991	0.54	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	57142	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	5058	0.48	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	72503	0.40	ng	0.00
27) Fluoranthene-d10	19.128	212	91302	0.37	ng	0.00
31) Terphenyl-d14	19.733	244	65997	0.43	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.346	88	3640	0.38	ng	# 59
3) n-Nitrosodimethylamine	3.687	42	6974	0.39	ng	# 77
6) bis(2-Chloroethyl)ether	7.154	93	27102	0.42	ng	# 85
9) Naphthalene	10.533	128	101926	0.40	ng	97
10) Hexachlorobutadiene	10.838	225	19508	0.41	ng	# 98
12) 2-Methylnaphthalene	12.154	142	65909	0.40	ng	# 89
16) Acenaphthylene	14.053	152	80833	0.40	ng	98
17) Acenaphthene	14.408	154	54818	0.39	ng	99
18) Fluorene	15.398	166	66081	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	282	0.37	ng	89
21) 4-Bromophenyl-phenylether	16.287	248	20363	0.38	ng	91
22) Hexachlorobenzene	16.397	284	24077	0.40	ng	# 91
23) Atrazine	16.555	200	12258	0.44	ng	94
24) Pentachlorophenol	16.750	266	3026	0.54	ng	99
25) Phenanthrene	17.127	178	104972	0.39	ng	99
26) Anthracene	17.225	178	87573	0.38	ng	99
28) Fluoranthene	19.157	202	113215	0.39	ng	# 97
30) Pyrene	19.525	202	110827	0.45	ng	99
32) Benzo(a)anthracene	21.281	228	83530	0.38	ng	97
33) Chrysene	21.334	228	96746	0.40	ng	97
34) Bis(2-ethylhexyl)phtha...	21.217	149	34454	0.57	ng	# 86
36) Indeno(1,2,3-cd)pyrene	25.805	276	61528	0.31	ng	# 89
37) Benzo(b)fluoranthene	22.868	252	87074	0.41	ng	# 92
38) Benzo(k)fluoranthene	22.913	252	90905	0.40	ng	# 94
39) Benzo(a)pyrene	23.447	252	75973	0.39	ng	# 72
40) Dibenzo(a,h)anthracene	25.819	278	45389	0.29	ng	# 90
41) Benzo(g,h,i)perylene	26.493	276	55473	0.33	ng	# 89

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

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