Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070121\
Data File : BN015265.D
Acq On : 01 Jul 2021 18:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 01 18:57:25 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	7.731	152	17223	0.40	ng	# 0.00
7) Naphthalene-d8	10.492	136	74562	0.40	ng	# 0.00
13) Acenaphthene-d10	14.345	164	37160	0.40	ng	0.00
19) Phenanthrene-d10	17.091	188	68783	0.40	ng	0.00
29) Chrysene-d12	21.291	240	53594	0.40	ng	#-0.01
35) Perylene-d12	23.539	264	44324	0.40	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.343	112	21323	0.49	ng	-0.02
5) Phenol-d6	6.901	99	26579	0.48	ng	0.00
8) Nitrobenzene-d5	8.870	82	23917	0.57	ng	0.00
11) 2-Methylnaphthalene-d10	12.083	152	47795	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.842	330	4255	0.49	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	61323	0.41	ng	0.00
27) Fluoranthene-d10	19.133	212	71277	0.35	ng	0.00
31) Terphenyl-d14	19.733	244	50665	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.351	88	3092	0.38	ng	# 54
3) n-Nitrosodimethylamine	3.692	42	6738	0.45	ng	# 67
6) bis(2-Chloroethyl)ether	7.169	93	22669	0.42	ng	# 83
9) Naphthalene	10.543	128	84813	0.40	ng	97
10) Hexachlorobutadiene	10.834	225	16880	0.42	ng	# 99
12) 2-Methylnaphthalene	12.159	142	54245	0.40	ng	# 90
16) Acenaphthylene	14.066	152	64765	0.39	ng	98
17) Acenaphthene	14.409	154	44462	0.39	ng	100
18) Fluorene	15.398	166	53628	0.38	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	281	0.41	ng	# 81
21) 4-Bromophenyl-phenylether	16.288	248	17386	0.40	ng	# 87
22) Hexachlorobenzene	16.397	284	20845	0.42	ng	# 92
23) Atrazine	16.555	200	9678	0.43	ng	94
24) Pentachlorophenol	16.750	266	2616	0.55	ng	98
25) Phenanthrene	17.127	178	87047	0.39	ng	99
26) Anthracene	17.225	178	67156	0.35	ng	99
28) Fluoranthene	19.157	202	91647	0.38	ng	# 97
30) Pyrene	19.525	202	85516	0.42	ng	99
32) Benzo(a)anthracene	21.281	228	58968	0.32	ng	96
33) Chrysene	21.323	228	79138	0.40	ng	98
34) Bis(2-ethylhexyl)phtha...	21.217	149	18200	0.43	ng	# 85
36) Indeno(1,2,3-cd)pyrene	25.802	276	51638	0.33	ng	# 90
37) Benzo(b)fluoranthene	22.869	252	65026	0.37	ng	# 94
38) Benzo(k)fluoranthene	22.910	252	78267	0.42	ng	# 94
39) Benzo(a)pyrene	23.444	252	62880	0.40	ng	# 86
40) Dibenzo(a,h)anthracene	25.816	278	37300	0.30	ng	# 91
41) Benzo(g,h,i)perylene	26.487	276	44730	0.33	ng	# 89

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

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