Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070721\
Data File : BN015366.D
Acq On : 07 Jul 2021 10:28
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 07 11:12:33 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN063021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 07 11:11:38 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.725	152	14296	0.40	ng	# 0.00
7) Naphthalene-d8	10.483	136	62919	0.40	ng	# 0.00
13) Acenaphthene-d10	14.332	164	33350	0.40	ng	0.00
19) Phenanthrene-d10	17.078	188	62109	0.40	ng	0.00
29) Chrysene-d12	21.291	240	55784	0.40	ng	0.00
35) Perylene-d12	23.529	264	52502	0.40	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.337	112	16431	0.45	ng	0.00
5) Phenol-d6	6.895	99	19913	0.43	ng	0.00
8) Nitrobenzene-d5	8.860	82	17540	0.50	ng	0.00
11) 2-Methylnaphthalene-d10	12.078	152	40396	0.39	ng	0.00
14) 2,4,6-Tribromophenol	15.829	330	4904	0.56	ng	0.00
15) 2-Fluorobiphenyl	12.962	172	53135	0.39	ng	0.00
27) Fluoranthene-d10	19.122	212	70267	0.38	ng	0.00
31) Terphenyl-d14	19.728	244	52669	0.40	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.345	88	2673	0.40	ng	# 1
3) n-Nitrosodimethylamine	3.687	42	4643	0.37	ng	# 78
6) bis(2-Chloroethyl)ether	7.163	93	17850	0.40	ng	# 85
9) Naphthalene	10.533	128	71767	0.40	ng	97
10) Hexachlorobutadiene	10.825	225	13677	0.40	ng	# 99
12) 2-Methylnaphthalene	12.149	142	46550	0.40	ng	# 90
16) Acenaphthylene	14.053	152	59036	0.40	ng	98
17) Acenaphthene	14.396	154	40092	0.39	ng	98
18) Fluorene	15.385	166	48634	0.39	ng	99
20) 4,6-Dinitro-2-methylph...	15.474	198	702	0.73	ng	# 64
21) 4-Bromophenyl-phenylether	16.275	248	15267	0.39	ng	# 68
22) Hexachlorobenzene	16.397	284	17348	0.39	ng	# 92
23) Atrazine	16.543	200	10220	0.47	ng	89
24) Pentachlorophenol	16.738	266	2932	0.62	ng	100
25) Phenanthrene	17.127	178	78742	0.39	ng	98
26) Anthracene	17.212	178	65750	0.38	ng	99
28) Fluoranthene	19.152	202	85985	0.40	ng	# 97
30) Pyrene	19.515	202	84357	0.40	ng	99
32) Benzo(a)anthracene	21.270	228	74434	0.39	ng	98
33) Chrysene	21.323	228	83033	0.40	ng	98
34) Bis(2-ethylhexyl)phtha...	21.206	149	28945	0.56	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.778	276	69716	0.37	ng	# 88
37) Benzo(b)fluoranthene	22.855	252	82741	0.40	ng	# 94
38) Benzo(k)fluoranthene	22.903	252	82552	0.38	ng	# 95
39) Benzo(a)pyrene	23.430	252	73530	0.39	ng	# 87
40) Dibenzo(a,h)anthracene	25.788	278	55505	0.38	ng	# 91
41) Benzo(g,h,i)perylene	26.462	276	58468	0.36	ng	# 89

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

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