Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062421\
Data File : BN015036.D
Acq On : 24 Jun 2021 10:55
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 24 11:31:57 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 23 16:24:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.741	152	20279	0.400	ng	# 0.00
7) Naphthalene-d8	10.505	136	89093	0.400	ng	0.00
13) Acenaphthene-d10	14.346	164	46088	0.400	ng	-0.01
19) Phenanthrene-d10	17.104	188	86499	0.400	ng	# 0.00
29) Chrysene-d12	21.292	240	77606	0.400	ng	#-0.01
35) Perylene-d12	23.543	264	69043	0.400	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	22593	0.360	ng	0.00
5) Phenol-d6	6.911	99	27238	0.343	ng	0.00
8) Nitrobenzene-d5	8.870	82	22703	0.337	ng	-0.01
11) 2-Methylnaphthalene-d10	12.092	152	54068	0.354	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6469	0.299	ng	0.00
15) 2-Fluorobiphenyl	12.975	172	69674	0.398	ng	0.00
27) Fluoranthene-d10	19.133	212	92901	0.341	ng	0.00
31) Terphenyl-d14	19.739	244	70654	0.367	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3129	0.368	ng	# 55
3) n-Nitrosodimethylamine	3.702	42	6668	0.354	ng	# 72
6) bis(2-Chloroethyl)ether	7.178	93	24739	0.396	ng	# 84
9) Naphthalene	10.556	128	95239	0.381	ng	97
10) Hexachlorobutadiene	10.847	225	18497	0.373	ng	# 98
12) 2-Methylnaphthalene	12.168	142	62347	0.371	ng	# 89
16) Acenaphthylene	14.067	152	75809	0.326	ng	98
17) Acenaphthene	14.409	154	53374	0.375	ng	98
18) Fluorene	15.399	166	64366	0.366	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	807	0.259	ng	# 60
21) 4-Bromophenyl-phenylether	16.300	248	19993	0.358	ng	# 92
22) Hexachlorobenzene	16.410	284	22938	0.389	ng	# 92
23) Atrazine	16.568	200	12977	0.260	ng	93
24) Pentachlorophenol	16.751	266	5852	0.270	ng	99
25) Phenanthrene	17.140	178	102733	0.389	ng	99
26) Anthracene	17.225	178	87251	0.338	ng	99
28) Fluoranthene	19.163	202	114184	0.382	ng	# 97
30) Pyrene	19.530	202	113892	0.371	ng	99
32) Benzo(a)anthracene	21.281	228	98411	0.336	ng	97
33) Chrysene	21.334	228	108780	0.388	ng	97
34) Bis(2-ethylhexyl)phtha...	21.228	149	38314	0.188	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.803	276	79306	0.344	ng	# 86
37) Benzo(b)fluoranthene	22.869	252	99393	0.384	ng	# 95
38) Benzo(k)fluoranthene	22.914	252	106708	0.427	ng	# 94
39) Benzo(a)pyrene	23.444	252	83849	0.368	ng	# 93
40) Dibenzo(a,h)anthracene	25.816	278	61391	0.329	ng	# 91
41) Benzo(g,h,i)perylene	26.487	276	64897	0.324	ng	# 89

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

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