Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN063021\
Data File : BN015246.D
Acq On : 01 Jul 2021 06:40
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4

Quant Time: Jul 01 09:32:26 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	7.732	152	25006	0.400	ng	# 0.00
7) Naphthalene-d8	10.493	136	110695	0.400	ng	# 0.00
13) Acenaphthene-d10	14.346	164	58326	0.400	ng	0.00
19) Phenanthrene-d10	17.092	188	111392	0.400	ng	0.00
29) Chrysene-d12	21.292	240	97374	0.400	ng	#-0.01
35) Perylene-d12	23.540	264	86371	0.400	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.353	112	27252	0.428	ng	0.00
5) Phenol-d6	6.902	99	33562	0.418	ng	0.00
8) Nitrobenzene-d5	8.870	82	26936	0.434	ng	0.00
11) 2-Methylnaphthalene-d10	12.084	152	71653	0.391	ng	0.00
14) 2,4,6-Tribromophenol	15.843	330	6633	0.484	ng	0.00
15) 2-Fluorobiphenyl	12.963	172	92330	0.390	ng	0.00
27) Fluoranthene-d10	19.128	212	125417	0.381	ng	0.00
31) Terphenyl-d14	19.734	244	93617	0.411	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	4723	0.403	ng	# 57
3) n-Nitrosodimethylamine	3.693	42	8625	0.392	ng	# 76
6) bis(2-Chloroethyl)ether	7.169	93	32741	0.415	ng	# 85
9) Naphthalene	10.543	128	126090	0.397	ng	97
10) Hexachlorobutadiene	10.835	225	23892	0.400	ng	# 98
12) 2-Methylnaphthalene	12.159	142	82954	0.407	ng	# 89
16) Acenaphthylene	14.067	152	101055	0.391	ng	98
17) Acenaphthene	14.409	154	71090	0.393	ng	98
18) Fluorene	15.399	166	87352	0.396	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	659	0.498	ng	# 68
21) 4-Bromophenyl-phenylether	16.288	248	27175	0.385	ng	# 87
22) Hexachlorobenzene	16.398	284	31283	0.390	ng	# 92
23) Atrazine	16.556	200	16589	0.445	ng	94
24) Pentachlorophenol	16.751	266	4608	0.576	ng	99
25) Phenanthrene	17.128	178	141573	0.395	ng	99
26) Anthracene	17.225	178	117595	0.382	ng	99
28) Fluoranthene	19.158	202	155942	0.404	ng	# 97
30) Pyrene	19.526	202	152797	0.412	ng	99
32) Benzo(a)anthracene	21.271	228	128970	0.386	ng	98
33) Chrysene	21.324	228	144616	0.397	ng	98
34) Bis(2-ethylhexyl)phtha...	21.218	149	46008	0.529	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.792	276	112944	0.365	ng	# 88
37) Benzo(b)fluoranthene	22.866	252	134789	0.398	ng	# 93
38) Benzo(k)fluoranthene	22.907	252	140797	0.389	ng	# 94
39) Benzo(a)pyrene	23.441	252	120116	0.388	ng	# 83
40) Dibenzo(a,h)anthracene	25.810	278	86352	0.356	ng	# 91
41) Benzo(g,h,i)perylene	26.484	276	96287	0.359	ng	# 89

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

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