Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN062321\
Data File : BN015006.D
Acq On : 23 Jun 2021 13:29
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jun 23 15:09:11 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN061621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 17 01:26:44 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.750	152	20600	0.400	ng	#-0.01
7) Naphthalene-d8	10.518	136	90368	0.400	ng	# 0.00
13) Acenaphthene-d10	14.358	164	47445	0.400	ng	-0.01
19) Phenanthrene-d10	17.103	188	88648	0.400	ng	#-0.01
29) Chrysene-d12	21.302	240	80516	0.400	ng	#-0.02
35) Perylene-d12	23.550	264	71474	0.400	ng	-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.371	112	22752	0.357	ng	0.00
5) Phenol-d6	6.911	99	27711	0.343	ng	-0.01
8) Nitrobenzene-d5	8.883	82	23170	0.339	ng	-0.02
11) 2-Methylnaphthalene-d10	12.101	152	54784	0.353	ng	-0.02
14) 2,4,6-Tribromophenol	15.843	330	6522	0.293	ng	-0.03
15) 2-Fluorobiphenyl	12.975	172	71375	0.396	ng	-0.03
27) Fluoranthene-d10	19.138	212	95193	0.341	ng	-0.02
31) Terphenyl-d14	19.744	244	72504	0.363	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	3565	0.413	ng	# 73
3) n-Nitrosodimethylamine	3.702	42	6816	0.356	ng	# 73
6) bis(2-Chloroethyl)ether	7.178	93	24936	0.393	ng	# 84
9) Naphthalene	10.556	128	96691	0.382	ng	97
10) Hexachlorobutadiene	10.860	225	18685	0.372	ng	# 98
12) 2-Methylnaphthalene	12.172	142	63200	0.371	ng	# 90
16) Acenaphthylene	14.079	152	78445	0.327	ng	98
17) Acenaphthene	14.422	154	54136	0.369	ng	98
18) Fluorene	15.411	166	65728	0.363	ng	99
20) 4,6-Dinitro-2-methylph...	15.475	198	961	0.282	ng	# 59
21) 4-Bromophenyl-phenylether	16.300	248	20640	0.360	ng	# 85
22) Hexachlorobenzene	16.410	284	23656	0.391	ng	# 92
23) Atrazine	16.568	200	13519	0.264	ng	94
24) Pentachlorophenol	16.750	266	5138	0.231	ng	99
25) Phenanthrene	17.140	178	105838	0.391	ng	99
26) Anthracene	17.237	178	89874	0.340	ng	99
28) Fluoranthene	19.168	202	116583	0.381	ng	# 97
30) Pyrene	19.530	202	116132	0.364	ng	99
32) Benzo(a)anthracene	21.281	228	102822	0.339	ng	98
33) Chrysene	21.334	228	110742	0.381	ng	98
34) Bis(2-ethylhexyl)phtha...	21.228	149	38965	0.184	ng	# 87
36) Indeno(1,2,3-cd)pyrene	25.809	276	86086	0.360	ng	# 86
37) Benzo(b)fluoranthene	22.876	252	100492	0.375	ng	# 96
38) Benzo(k)fluoranthene	22.920	252	110505	0.427	ng	# 94
39) Benzo(a)pyrene	23.454	252	86741	0.368	ng	# 94
40) Dibenzo(a,h)anthracene	25.826	278	64615	0.334	ng	# 91
41) Benzo(g,h,i)perylene	26.501	276	70169	0.339	ng	# 89

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

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