Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN070221\
Data File : BN015315.D
Acq On : 03 Jul 2021 02:33
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Jul 03 03:03:38 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	7.734	152	23039	0.40	ng		# 0.00
7) Naphthalene-d8	10.495	136	102210	0.40	ng		0.00
13) Acenaphthene-d10	14.345	164	54365	0.40	ng		0.00
19) Phenanthrene-d10	17.090	188	103564	0.40	ng		# 0.00
29) Chrysene-d12	21.280	240	80355	0.40	ng		#-0.02
35) Perylene-d12	23.529	264	66117	0.40	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.355	112	27404	0.47	ng		0.00
5) Phenol-d6	6.905	99	33285	0.45	ng		0.00
8) Nitrobenzene-d5	8.860	82	27824	0.49	ng		0.00
11) 2-Methylnaphthalene-d10	12.083	152	65990	0.39	ng		0.00
14) 2,4,6-Tribromophenol	15.842	330	7359	0.53	ng		0.00
15) 2-Fluorobiphenyl	12.962	172	84064	0.38	ng		0.00
27) Fluoranthene-d10	19.127	212	117227	0.38	ng		0.00
31) Terphenyl-d14	19.728	244	82390	0.44	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.355	88	4356	0.40	ng	#	59
3) n-Nitrosodimethylamine	3.696	42	7960	0.39	ng	#	78
6) bis(2-Chloroethyl)ether	7.163	93	29544	0.41	ng	#	85
9) Naphthalene	10.546	128	115722	0.39	ng		97
10) Hexachlorobutadiene	10.837	225	21517	0.39	ng	#	98
12) 2-Methylnaphthalene	12.154	142	75603	0.40	ng	#	90
16) Acenaphthylene	14.053	152	96404	0.40	ng		98
17) Acenaphthene	14.408	154	65661	0.39	ng		98
18) Fluorene	15.398	166	79853	0.39	ng		99
20) 4,6-Dinitro-2-methylph...	15.474	198	253	0.33	ng		90
21) 4-Bromophenyl-phenylether	16.287	248	24849	0.38	ng		94
22) Hexachlorobenzene	16.397	284	27859	0.37	ng	#	92
23) Atrazine	16.555	200	17387	0.48	ng		94
24) Pentachlorophenol	16.750	266	4735	0.61	ng		100
25) Phenanthrene	17.127	178	127870	0.38	ng		99
26) Anthracene	17.224	178	109875	0.38	ng		99
28) Fluoranthene	19.157	202	141875	0.40	ng	#	97
30) Pyrene	19.519	202	140388	0.46	ng		99
32) Benzo(a)anthracene	21.270	228	109559	0.40	ng		97
33) Chrysene	21.323	228	118776	0.40	ng		98
34) Bis(2-ethylhexyl)phtha...	21.206	149	64497	0.77	ng	#	87
36) Indeno(1,2,3-cd)pyrene	25.788	276	73029	0.31	ng	#	88
37) Benzo(b)fluoranthene	22.858	252	106100	0.41	ng	#	93
38) Benzo(k)fluoranthene	22.902	252	106316	0.38	ng	#	94
39) Benzo(a)pyrene	23.429	252	89749	0.38	ng	#	84
40) Dibenzo(a,h)anthracene	25.802	278	54984	0.30	ng	#	90
41) Benzo(g,h,i)perylene	26.472	276	66411	0.32	ng	#	89

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

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