Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092021\
Data File : BN016372.D
Acq On : 21 Sep 2021 09:07
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDCCC0.4EC

Quant Time: Sep 21 09:36:20 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN091721.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 20 11:09:23 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.688	152	20901	0.400	ng		0.00
7) Naphthalene-d8	10.445	136	94976	0.400	ng		#-0.01
13) Acenaphthene-d10	14.307	164	54863	0.400	ng		0.00
19) Phenanthrene-d10	17.054	188	117505	0.400	ng		0.00
29) Chrysene-d12	21.259	240	136444	0.400	ng		0.00
35) Perylene-d12	23.519	264	112540	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.309	112	21133	0.403	ng		0.00
5) Phenol-d6	6.858	99	25619	0.403	ng		0.00
8) Nitrobenzene-d5	8.822	82	27577	0.489	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	59351	0.397	ng		0.00
14) 2,4,6-Tribromophenol	15.804	330	8165	0.507	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	83366	0.388	ng		-0.01
27) Fluoranthene-d10	19.093	212	146058	0.429	ng		0.00
31) Terphenyl-d14	19.703	244	124365	0.393	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.290	88	2084	0.240	ng	#	86
3) n-Nitrosodimethylamine	3.640	42	7682	0.386	ng	#	82
6) bis(2-Chloroethyl)ether	7.126	93	22815	0.403	ng		95
9) Naphthalene	10.495	128	99134	0.387	ng		99
10) Hexachlorobutadiene	10.787	225	19892	0.409	ng	#	99
12) 2-Methylnaphthalene	12.118	142	68391	0.403	ng		99
16) Acenaphthylene	14.015	152	94306	0.369	ng		99
17) Acenaphthene	14.370	154	61133	0.386	ng		98
18) Fluorene	15.360	166	79123	0.403	ng		99
20) 4,6-Dinitro-2-methylph...	15.436	198	67	0.157	ng	#	20
21) 4-Bromophenyl-phenylether	16.251	248	25604	0.372	ng	#	73
22) Hexachlorobenzene	16.360	284	26253	0.404	ng	#	94
23) Atrazine	16.531	200	21228	0.337	ng		93
24) Pentachlorophenol	16.713	266	10800	0.494	ng		98
25) Phenanthrene	17.090	178	131473	0.396	ng		99
26) Anthracene	17.188	178	122662	0.381	ng		99
28) Fluoranthene	19.122	202	166834	0.436	ng		99
30) Pyrene	19.485	202	172957	0.401	ng		99
32) Benzo(a)anthracene	21.238	228	184328	0.420	ng		98
33) Chrysene	21.291	228	175267	0.413	ng		98
34) Bis(2-ethylhexyl)phtha...	21.195	149	109161	0.462	ng		99
36) Indeno(1,2,3-cd)pyrene	25.812	276	98011	0.270	ng		100
37) Benzo(b)fluoranthene	22.837	252	169117	0.473	ng		100
38) Benzo(k)fluoranthene	22.882	252	162987	0.474	ng	#	98
39) Benzo(a)pyrene	23.416	252	138797	0.429	ng		99
40) Dibenzo(a,h)anthracene	25.836	278	87073	0.282	ng		97
41) Benzo(g,h,i)perylene	26.510	276	69032	0.225	ng		97

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

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