Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN080421\
Data File : BN015811.D
Acq On : 05 Aug 2021 03:36
Operator : CG/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Manual Integrations APPROVED
mohammad
8/5/2021 5:08:24 PM

Quant Time: Aug 05 04:54:19 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN080221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 02 14:09:59 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.780	152	40112	0.400	ng		0.00
7) Naphthalene-d8	10.558	136	176695	0.400	ng		#-0.01
13) Acenaphthene-d10	14.408	164	86211	0.400	ng		0.00
19) Phenanthrene-d10	17.163	188	156414	0.400	ng		0.00
29) Chrysene-d12	21.365	240	142434	0.400	ng		# 0.00
35) Perylene-d12	23.703	264	139391	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.392	112	32286	0.329	ng		0.00
5) Phenol-d6	6.951	99	46831	0.395	ng		0.00
8) Nitrobenzene-d5	8.924	82	58264	0.513	ng		0.00
11) 2-Methylnaphthalene-d10	12.158	152	102523	0.386	ng		0.00
14) 2,4,6-Tribromophenol	15.905	330	9339	0.299	ng		0.00
15) 2-Fluorobiphenyl	13.038	172	137635	0.400	ng		0.00
27) Fluoranthene-d10	19.202	212	146615	0.360	ng		0.00
31) Terphenyl-d14	19.807	244	128699	0.365	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.354	88	1447	0.111	ng		86
3) n-Nitrosodimethylamine	3.714	42	4046	0.151	ng	#	86
6) bis(2-Chloroethyl)ether	7.218	93	47768	0.444	ng		94
9) Naphthalene	10.609	128	185355	0.400	ng		99
10) Hexachlorobutadiene	10.913	225	33985	0.420	ng	#	100
12) 2-Methylnaphthalene	12.229	142	117330	0.394	ng		99
16) Acenaphthylene	14.129	152	149383	0.420	ng		100
17) Acenaphthene	14.471	154	97924	0.395	ng		96
18) Fluorene	15.461	166	117478	0.396	ng		100
20) 4,6-Dinitro-2-methylph...	15.537	198	1098	0.190	ng	#	77
21) 4-Bromophenyl-phenylether	16.360	248	36431	0.396	ng	#	85
22) Hexachlorobenzene	16.470	284	48839	0.462	ng		98
23) Atrazine	16.628	200	18391	0.325	ng		95
24) Pentachlorophenol	16.810	266	11720	0.359	ng		99
25) Phenanthrene	17.200	178	188696	0.406	ng		100
26) Anthracene	17.297	178	151524	0.387	ng		100
28) Fluoranthene	19.231	202	195833	0.404	ng		99
30) Pyrene	19.594	202	177722	0.374	ng		100
32) Benzo(a)anthracene	21.355	228	155916	0.358	ng		98
33) Chrysene	21.397	228	185086	0.393	ng		98
34) Bis(2-ethylhexyl)phtha...	21.291	149	37818	0.389	ng		99
36) Indeno(1,2,3-cd)pyrene	26.103	276	178297	0.361	ng		97
37) Benzo(b)fluoranthene	22.995	252	170918	0.353	ng		99
38) Benzo(k)fluoranthene	23.043	252	210973m	0.421	ng		
39) Benzo(a)pyrene	23.601	252	138901	0.345	ng		99
40) Dibenzo(a,h)anthracene	26.123	278	145535	0.352	ng	#	94
41) Benzo(g,h,i)perylene	26.835	276	148914	0.345	ng		99

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

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