Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101321\
Data File : BN016907.D
Acq On : 12 Oct 2021 20:35
Operator : CG/JU
Sample : SSTDICC1.6
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : SSTDICC1.6

Quant Time: Oct 13 01:54:08 2021
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\8270-SIM-BN101321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 13 01:50:22 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.689	152	20501	0.40	ng		0.00
7) Naphthalene-d8	10.445	136	88462	0.40	ng		#-0.01
13) Acenaphthene-d10	14.294	164	47201	0.40	ng		0.00
19) Phenanthrene-d10	17.030	188	87687	0.40	ng		#-0.01
29) Chrysene-d12	21.227	240	90363	0.40	ng		# 0.00
35) Perylene-d12	23.471	264	89484	0.40	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.291	112	81094	1.54	ng		0.00
5) Phenol-d6	6.868	99	91984	1.56	ng		0.00
8) Nitrobenzene-d5	8.822	82	100409	1.68	ng		0.00
11) 2-Methylnaphthalene-d10	12.038	152	210008	1.64	ng		0.00
14) 2,4,6-Tribromophenol	15.791	330	39532	1.73	ng		0.00
15) 2-Fluorobiphenyl	12.924	172	294804	1.63	ng		0.00
27) Fluoranthene-d10	19.068	212	390171	1.70	ng		0.00
31) Terphenyl-d14	19.679	244	328212	1.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.281	88	24336	1.59	ng		93
3) n-Nitrosodimethylamine	3.604	42	28303	1.69	ng		98
6) bis(2-Chloroethyl)ether	7.126	93	93031	1.62	ng		99
9) Naphthalene	10.495	128	378069	1.57	ng		100
10) Hexachlorobutadiene	10.787	225	74235	1.64	ng	#	100
12) 2-Methylnaphthalene	12.114	142	243675	1.62	ng		99
16) Acenaphthylene	14.015	152	349549	1.74	ng		100
17) Acenaphthene	14.358	154	218224	1.63	ng		98
18) Fluorene	15.347	166	270383	1.67	ng		100
20) 4,6-Dinitro-2-methylph...	15.436	198	25677	2.09	ng	#	87
21) 4-Bromophenyl-phenylether	16.239	248	89822	1.71	ng		96
22) Hexachlorobenzene	16.348	284	98861	1.65	ng		99
23) Atrazine	16.519	200	67604	1.76	ng		99
24) Pentachlorophenol	16.689	266	40616	1.69	ng		100
25) Phenanthrene	17.078	178	422414	1.68	ng		100
26) Anthracene	17.164	178	386569	1.75	ng		100
28) Fluoranthene	19.103	202	473176	1.71	ng		100
30) Pyrene	19.460	202	474793	1.60	ng		100
32) Benzo(a)anthracene	21.206	228	479405	1.66	ng		97
33) Chrysene	21.259	228	483594	1.63	ng		97
34) Bis(2-ethylhexyl)phtha...	21.164	149	237951	1.50	ng		99
36) Indeno(1,2,3-cd)pyrene	25.740	276	580977	1.66	ng		99
37) Benzo(b)fluoranthene	22.797	252	498673	1.67	ng		100
38) Benzo(k)fluoranthene	22.841	252	490034	1.66	ng	#	97
39) Benzo(a)pyrene	23.372	252	457369	1.68	ng		98
40) Dibenzo(a,h)anthracene	25.761	278	475346	1.66	ng		98
41) Benzo(g,h,i)perylene	26.435	276	498855	1.65	ng		100

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

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