Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060424\
Data File : BN031771.D
Acq On : 04 Jun 2024 11:32
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 04 12:41:33 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN050924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 10 02:12:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.682	152	17881	0.400	ng		-0.04
7) Naphthalene-d8	10.464	136	65384	0.400	ng		#-0.03
13) Acenaphthene-d10	14.317	164	36170	0.400	ng		-0.03
19) Phenanthrene-d10	17.066	188	69516	0.400	ng		-0.02
29) Chrysene-d12	21.265	240	41379	0.400	ng		# 0.00
35) Perylene-d12	23.499	264	41707	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.277	112	18383	0.362	ng		-0.02
5) Phenol-d6	6.852	99	25902	0.378	ng		-0.02
8) Nitrobenzene-d5	8.830	82	18718	0.399	ng		-0.03
11) 2-Methylnaphthalene-d10	12.058	152	35128	0.333	ng		-0.03
14) 2,4,6-Tribromophenol	15.812	330	4037	0.294	ng		-0.02
15) 2-Fluorobiphenyl	12.938	172	49852	0.357	ng		-0.04
27) Fluoranthene-d10	19.100	212	51942	0.269	ng		-0.02
31) Terphenyl-d14	19.704	244	38152	0.377	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.226	88	9134	0.415	ng	#	84
3) n-Nitrosodimethylamine	3.537	42	6582	0.303	ng		92
6) bis(2-Chloroethyl)ether	7.112	93	20935	0.351	ng		97
9) Naphthalene	10.507	128	62021	0.341	ng		96
10) Hexachlorobutadiene	10.795	225	9702	0.304	ng	#	100
12) 2-Methylnaphthalene	12.130	142	40859	0.330	ng		98
16) Acenaphthylene	14.039	152	57677	0.317	ng		100
17) Acenaphthene	14.381	154	37021	0.326	ng		98
18) Fluorene	15.375	166	46513	0.313	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	516	0.091	ng	#	60
21) 4-Bromophenyl-phenylether	16.259	248	14040	0.345	ng	#	85
22) Hexachlorobenzene	16.371	284	14146	0.345	ng		99
23) Atrazine	16.532	200	10795	0.292	ng	#	91
24) Pentachlorophenol	16.718	266	4055	0.279	ng		99
25) Phenanthrene	17.103	178	66234	0.340	ng		100
26) Anthracene	17.202	178	59744	0.310	ng		100
28) Fluoranthene	19.133	202	64134	0.271	ng		99
30) Pyrene	19.495	202	64541	0.385	ng		100
32) Benzo(a)anthracene	21.247	228	51505	0.323	ng		99
33) Chrysene	21.301	228	48954	0.322	ng		99
34) Bis(2-ethylhexyl)phtha...	21.184	149	40798	0.437	ng		100
36) Indeno(1,2,3-cd)pyrene	25.759	276	56234	0.338	ng		100
37) Benzo(b)fluoranthene	22.823	252	51402	0.343	ng	#	91
38) Benzo(k)fluoranthene	22.867	252	48222	0.340	ng	#	92
39) Benzo(a)pyrene	23.399	252	43779	0.336	ng	#	86
40) Dibenzo(a,h)anthracene	25.770	278	44870	0.341	ng		96
41) Benzo(g,h,i)perylene	26.452	276	48303	0.341	ng		97

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

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