Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN051324\
Data File : BN031497.D
Acq On : 13 May 2024 10:21
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 13 12:27:10 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	7.704	152	11560	0.400	ng	-0.01
7) Naphthalene-d8	10.485	136	36546	0.400	ng	#-0.01
13) Acenaphthene-d10	14.338	164	19426	0.400	ng	-0.01
19) Phenanthrene-d10	17.078	188	42787	0.400	ng	-0.01
29) Chrysene-d12	21.265	240	33837	0.400	ng	0.00
35) Perylene-d12	23.502	264	31593	0.400	ng	#-0.02
System Monitoring Compounds						
4) 2-Fluorophenol	5.292	112	9135	0.278	ng	0.00
5) Phenol-d6	6.866	99	12502	0.283	ng	0.00
8) Nitrobenzene-d5	8.852	82	9154	0.349	ng	-0.01
11) 2-Methylnaphthalene-d10	12.081	152	20584	0.349	ng	-0.01
14) 2,4,6-Tribromophenol	15.825	330	1705	0.231	ng	-0.01
15) 2-Fluorobiphenyl	12.959	172	29417	0.393	ng	-0.02
27) Fluoranthene-d10	19.110	212	39875	0.336	ng	0.00
31) Terphenyl-d14	19.718	244	26565	0.321	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.240	88	5408	0.380	ng	# 85
3) n-Nitrosodimethylamine	3.551	42	5621	0.400	ng	# 82
6) bis(2-Chloroethyl)ether	7.140	93	13905	0.361	ng	94
9) Naphthalene	10.539	128	36516	0.360	ng	96
10) Hexachlorobutadiene	10.827	225	6346	0.356	ng	# 99
12) 2-Methylnaphthalene	12.153	142	23278	0.336	ng	99
16) Acenaphthylene	14.060	152	30800	0.315	ng	100
17) Acenaphthene	14.402	154	21593	0.354	ng	96
18) Fluorene	15.386	166	27018	0.339	ng	100
20) 4,6-Dinitro-2-methylph...	15.461	198	1119	0.320	ng	# 46
21) 4-Bromophenyl-phenylether	16.284	248	8473	0.338	ng	95
22) Hexachlorobenzene	16.383	284	9941	0.393	ng	96
23) Atrazine	16.557	200	4889	0.215	ng	97
24) Pentachlorophenol	16.731	266	2238	0.251	ng	98
25) Phenanthrene	17.115	178	44322	0.370	ng	100
26) Anthracene	17.215	178	35942	0.303	ng	100
28) Fluoranthene	19.142	202	49207	0.338	ng	99
30) Pyrene	19.504	202	49121	0.359	ng	100
32) Benzo(a)anthracene	21.247	228	38523	0.295	ng	99
33) Chrysene	21.301	228	44535	0.358	ng	99
34) Bis(2-ethylhexyl)phtha...	21.202	149	12391	0.162	ng	96
36) Indeno(1,2,3-cd)pyrene	25.770	276	36536	0.290	ng	98
37) Benzo(b)fluoranthene	22.829	252	38331	0.338	ng	98
38) Benzo(k)fluoranthene	22.876	252	44594	0.415	ng	97
39) Benzo(a)pyrene	23.402	252	31048	0.315	ng	96
40) Dibenzo(a,h)anthracene	25.788	278	29418	0.295	ng	96
41) Benzo(g,h,i)perylene	26.452	276	30764	0.287	ng	98

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

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