Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031682.D
Acq On : 28 May 2024 18:57
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: May 29 01:12:35 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	7.689	152	16183	0.400	ng	-0.03
7) Naphthalene-d8	10.475	136	51120	0.400	ng	#-0.02
13) Acenaphthene-d10	14.328	164	23916	0.400	ng	-0.02
19) Phenanthrene-d10	17.066	188	40201	0.400	ng	-0.02
29) Chrysene-d12	21.256	240	27306	0.400	ng	-0.02
35) Perylene-d12	23.487	264	28359	0.400	ng	#-0.03
System Monitoring Compounds						
4) 2-Fluorophenol	5.284	112	14567	0.317	ng	-0.01
5) Phenol-d6	6.852	99	19298	0.312	ng	-0.02
8) Nitrobenzene-d5	8.841	82	15913	0.434	ng	-0.02
11) 2-Methylnaphthalene-d10	12.062	152	29831	0.362	ng	-0.03
14) 2,4,6-Tribromophenol	15.812	330	1947	0.215	ng	-0.02
15) 2-Fluorobiphenyl	12.949	172	40513	0.439	ng	-0.03
27) Fluoranthene-d10	19.100	212	35211	0.316	ng	-0.02
31) Terphenyl-d14	19.704	244	24151	0.361	ng	-0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	3.241	88	7214	0.362	ng	# 85
3) n-Nitrosodimethylamine	3.544	42	7086	0.360	ng	93
6) bis(2-Chloroethyl)ether	7.119	93	18358	0.340	ng	97
9) Naphthalene	10.517	128	48437	0.341	ng	96
10) Hexachlorobutadiene	10.806	225	7786	0.312	ng	# 99
12) 2-Methylnaphthalene	12.138	142	29661	0.306	ng	98
16) Acenaphthylene	14.039	152	35917	0.298	ng	100
17) Acenaphthene	14.381	154	24637	0.328	ng	97
18) Fluorene	15.375	166	28540	0.291	ng	100
20) 4,6-Dinitro-2-methylph...	15.450	198	1013	0.308	ng	# 52
21) 4-Bromophenyl-phenylether	16.272	248	7984	0.339	ng	# 89
22) Hexachlorobenzene	16.371	284	8697	0.366	ng	96
23) Atrazine	16.532	200	5152	0.241	ng	# 90
24) Pentachlorophenol	16.718	266	2300	0.274	ng	97
25) Phenanthrene	17.103	178	38279	0.340	ng	100
26) Anthracene	17.202	178	31637	0.284	ng	99
28) Fluoranthene	19.128	202	37301	0.273	ng	99
30) Pyrene	19.495	202	37609	0.340	ng	100
32) Benzo(a)anthracene	21.238	228	30689	0.291	ng	99
33) Chrysene	21.292	228	32932	0.328	ng	99
34) Bis(2-ethylhexyl)phtha...	21.175	149	11710	0.190	ng	98
36) Indeno(1,2,3-cd)pyrene	25.747	276	40810	0.361	ng	97
37) Benzo(b)fluoranthene	22.818	252	34928	0.343	ng	# 93
38) Benzo(k)fluoranthene	22.858	252	35568	0.369	ng	# 95
39) Benzo(a)pyrene	23.391	252	29975	0.339	ng	# 88
40) Dibenzo(a,h)anthracene	25.765	278	31737	0.354	ng	98
41) Benzo(g,h,i)perylene	26.434	276	33843	0.351	ng	98

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

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