Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052824\
Data File : BN031669.D
Acq On : 28 May 2024 11:04
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: May 28 12:44:34 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	15738	0.400	ng		-0.03
7) Naphthalene-d8	10.474	136	50978	0.400	ng		#-0.02
13) Acenaphthene-d10	14.328	164	26252	0.400	ng		-0.02
19) Phenanthrene-d10	17.066	188	46534	0.400	ng		-0.02
29) Chrysene-d12	21.256	240	31109	0.400	ng		-0.02
35) Perylene-d12	23.496	264	33870	0.400	ng		#-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.284	112	14866	0.333	ng		-0.01
5) Phenol-d6	6.852	99	19493	0.324	ng		-0.02
8) Nitrobenzene-d5	8.841	82	15942	0.436	ng		-0.02
11) 2-Methylnaphthalene-d10	12.062	152	30925	0.376	ng		-0.03
14) 2,4,6-Tribromophenol	15.812	330	2486	0.250	ng		-0.02
15) 2-Fluorobiphenyl	12.949	172	43065	0.425	ng		-0.03
27) Fluoranthene-d10	19.100	212	41523	0.322	ng		-0.02
31) Terphenyl-d14	19.704	244	28518	0.375	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	6872	0.355	ng	#	84
3) n-Nitrosodimethylamine	3.544	42	6448	0.337	ng		98
6) bis(2-Chloroethyl)ether	7.119	93	17657	0.337	ng		97
9) Naphthalene	10.517	128	48312	0.341	ng		96
10) Hexachlorobutadiene	10.805	225	7875	0.317	ng	#	100
12) 2-Methylnaphthalene	12.138	142	30431	0.315	ng		98
16) Acenaphthylene	14.039	152	40382	0.306	ng		100
17) Acenaphthene	14.381	154	27008	0.328	ng		97
18) Fluorene	15.375	166	32088	0.298	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	1318	0.347	ng	#	48
21) 4-Bromophenyl-phenylether	16.271	248	9377	0.344	ng	#	92
22) Hexachlorobenzene	16.371	284	9801	0.357	ng		96
23) Atrazine	16.545	200	6373	0.258	ng		97
24) Pentachlorophenol	16.718	266	2868	0.295	ng		98
25) Phenanthrene	17.103	178	44199	0.339	ng		100
26) Anthracene	17.202	178	37696	0.292	ng		100
28) Fluoranthene	19.133	202	43408	0.274	ng		99
30) Pyrene	19.495	202	43938	0.349	ng		100
32) Benzo(a)anthracene	21.247	228	37900	0.316	ng		98
33) Chrysene	21.292	228	37529	0.328	ng		99
34) Bis(2-ethylhexyl)phtha...	21.184	149	15954	0.227	ng		99
36) Indeno(1,2,3-cd)pyrene	25.753	276	46501	0.344	ng		99
37) Benzo(b)fluoranthene	22.823	252	40519	0.333	ng	#	95
38) Benzo(k)fluoranthene	22.867	252	40075	0.348	ng		96
39) Benzo(a)pyrene	23.396	252	35350	0.334	ng	#	92
40) Dibenzo(a,h)anthracene	25.770	278	36415	0.340	ng		99
41) Benzo(g,h,i)perylene	26.443	276	39741	0.345	ng		99

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

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