Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN090624\
Data File : BN033792.D
Acq On : 06 Sep 2024 21:40
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 07 01:38:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN090424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 04 18:36:01 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.516	152	4448	0.400	ng		0.00
7) Naphthalene-d8	10.272	136	11063	0.400	ng	#	0.00
13) Acenaphthene-d10	14.146	164	4914	0.400	ng		-0.01
19) Phenanthrene-d10	16.904	188	9686	0.400	ng	#	0.00
29) Chrysene-d12	21.112	240	7243	0.400	ng	#	0.00
35) Perylene-d12	23.265	264	7764	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.154	112	4729	0.347	ng		0.00
5) Phenol-d6	6.700	99	5674	0.352	ng		0.00
8) Nitrobenzene-d5	8.649	82	3639	0.386	ng		0.00
11) 2-Methylnaphthalene-d10	11.869	152	5820	0.372	ng		0.00
14) 2,4,6-Tribromophenol	15.651	330	884	0.356	ng		0.00
15) 2-Fluorobiphenyl	12.767	172	8351	0.408	ng		0.00
27) Fluoranthene-d10	18.942	212	9028	0.378	ng		0.00
31) Terphenyl-d14	19.560	244	6226	0.403	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.168	88	1934	0.382	ng		98
3) n-Nitrosodimethylamine	3.464	42	2535	0.427	ng		83
6) bis(2-Chloroethyl)ether	6.953	93	4484	0.369	ng		96
9) Naphthalene	10.314	128	11515	0.390	ng		99
10) Hexachlorobutadiene	10.613	225	2568	0.417	ng	#	98
12) 2-Methylnaphthalene	11.941	142	6885	0.380	ng		95
16) Acenaphthylene	13.857	152	8075	0.380	ng		100
17) Acenaphthene	14.210	154	5786	0.397	ng		98
18) Fluorene	15.204	166	7074	0.394	ng		100
20) 4,6-Dinitro-2-methylph...	15.290	198	588	0.384	ng	#	72
21) 4-Bromophenyl-phenylether	16.110	248	2159	0.385	ng		91
22) Hexachlorobenzene	16.209	284	2600	0.404	ng		96
23) Atrazine	16.383	200	1637	0.365	ng	#	89
24) Pentachlorophenol	16.557	266	1000	0.380	ng		99
25) Phenanthrene	16.942	178	10419	0.390	ng		100
26) Anthracene	17.029	178	8738	0.377	ng		99
28) Fluoranthene	18.970	202	11504	0.385	ng		99
30) Pyrene	19.337	202	11696	0.401	ng		99
32) Benzo(a)anthracene	21.095	228	10072	0.390	ng		98
33) Chrysene	21.148	228	10689	0.418	ng		98
34) Bis(2-ethylhexyl)phtha...	21.050	149	5290	0.375	ng		99
36) Indeno(1,2,3-cd)pyrene	25.396	276	13141	0.410	ng		98
37) Benzo(b)fluoranthene	22.625	252	11185	0.392	ng		98
38) Benzo(k)fluoranthene	22.665	252	11520	0.414	ng		99
39) Benzo(a)pyrene	23.168	252	9252	0.388	ng		97
40) Dibenzo(a,h)anthracene	25.411	278	10449	0.406	ng		99
41) Benzo(g,h,i)perylene	26.042	276	11288	0.405	ng		98

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

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