Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091423\
Data File : BN027638.D
Acq On : 13 Sep 2023 10:39
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Sep 13 12:57:37 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 12 02:45:58 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.030	152	6241	0.400	ng	0.00
7) Naphthalene-d8	10.853	136	16404	0.400	ng	# 0.00
13) Acenaphthene-d10	14.651	164	7559	0.400	ng	-0.01
19) Phenanthrene-d10	17.406	188	14990	0.400	ng	0.00
29) Chrysene-d12	21.587	240	11144	0.400	ng	0.00
35) Perylene-d12	24.092	264	10060	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.567	112	6954	0.427	ng	0.00
5) Phenol-d6	7.178	99	7803	0.394	ng	0.00
8) Nitrobenzene-d5	9.219	82	5670	0.474	ng	-0.01
11) 2-Methylnaphthalene-d10	12.423	152	9354	0.388	ng	0.00
14) 2,4,6-Tribromophenol	16.152	330	970	0.347	ng	0.00
15) 2-Fluorobiphenyl	13.283	172	13329	0.464	ng	-0.01
27) Fluoranthene-d10	19.430	212	14026	0.376	ng	0.00
31) Terphenyl-d14	20.015	244	9450	0.422	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.473	88	3098	0.407	ng	# 87
3) n-Nitrosodimethylamine	3.812	42	3421	0.423	ng	93
6) bis(2-Chloroethyl)ether	7.467	93	7899	0.413	ng	98
9) Naphthalene	10.895	128	19360	0.433	ng	99
10) Hexachlorobutadiene	11.130	225	3605	0.432	ng	# 98
12) 2-Methylnaphthalene	12.498	142	12023	0.378	ng	99
16) Acenaphthylene	14.384	152	13579	0.395	ng	100
17) Acenaphthene	14.715	154	9746	0.425	ng	98
18) Fluorene	15.705	166	12022	0.393	ng	99
20) 4,6-Dinitro-2-methylph...	16.859	198	83	0.389	ng	83
21) 4-Bromophenyl-phenylether	16.586	248	3521	0.446	ng	# 76
22) Hexachlorobenzene	16.673	284	3938	0.420	ng	99
23) Atrazine	16.859	200	2260	0.382	ng	99
24) Pentachlorophenol	17.046	266	1258	0.349	ng	98
25) Phenanthrene	17.443	178	18327	0.416	ng	100
26) Anthracene	17.542	178	14828	0.396	ng	100
28) Fluoranthene	19.463	202	18785	0.362	ng	100
30) Pyrene	19.825	202	18972	0.428	ng	100
32) Benzo(a)anthracene	21.569	228	16854	0.441	ng	100
33) Chrysene	21.623	228	17738	0.422	ng	99
34) Bis(2-ethylhexyl)phtha...	21.444	149	6633	0.360	ng	97
36) Indeno(1,2,3-cd)pyrene	26.729	276	17450	0.427	ng	# 84
37) Benzo(b)fluoranthene	23.314	252	15676	0.403	ng	96
38) Benzo(k)fluoranthene	23.364	252	15912	0.398	ng	96
39) Benzo(a)pyrene	23.978	252	14033	0.386	ng	96
40) Dibenzo(a,h)anthracene	26.753	278	14183	0.443	ng	98
41) Benzo(g,h,i)perylene	27.548	276	15949	0.430	ng	100

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

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