Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN091123\
Data File : BN027577.D
Acq On : 11 Sep 2023 14:48
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 88 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Sep 12 01:32:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN082923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 11 05:26:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.030	152	6285	0.400	ng		0.00
7) Naphthalene-d8	10.853	136	20517	0.400	ng		0.00
13) Acenaphthene-d10	14.662	164	12293	0.400	ng		0.00
19) Phenanthrene-d10	17.418	188	25912	0.400	ng	#	0.00
29) Chrysene-d12	21.587	240	16001	0.400	ng		0.00
35) Perylene-d12	24.098	264	13170	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.560	112	7690	0.469	ng		0.00
5) Phenol-d6	7.178	99	10092	0.507	ng		0.00
8) Nitrobenzene-d5	9.219	82	6492	0.434	ng		0.00
11) 2-Methylnaphthalene-d10	12.430	152	13328	0.442	ng		0.00
14) 2,4,6-Tribromophenol	16.164	330	1970	0.433	ng		0.01
15) 2-Fluorobiphenyl	13.294	172	20755	0.444	ng		0.00
27) Fluoranthene-d10	19.435	212	25007	0.388	ng		0.00
31) Terphenyl-d14	20.020	244	17524	0.545	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.444	88	3131	0.408	ng		95
3) n-Nitrosodimethylamine	3.791	42	3721	0.457	ng	#	95
6) bis(2-Chloroethyl)ether	7.467	93	8494	0.441	ng		99
9) Naphthalene	10.906	128	24362	0.435	ng		99
10) Hexachlorobutadiene	11.130	225	4363	0.418	ng	#	99
12) 2-Methylnaphthalene	12.502	142	17325	0.435	ng		100
16) Acenaphthylene	14.395	152	23272	0.416	ng		100
17) Acenaphthene	14.726	154	15835	0.424	ng		99
18) Fluorene	15.705	166	21213	0.426	ng		100
20) 4,6-Dinitro-2-methylph...	16.859	198	150	0.407	ng	#	36
21) 4-Bromophenyl-phenylether	16.599	248	6607	0.484	ng		99
22) Hexachlorobenzene	16.686	284	7206	0.444	ng		98
23) Atrazine	16.859	200	4515	0.441	ng		95
24) Pentachlorophenol	17.046	266	2530	0.406	ng		98
25) Phenanthrene	17.455	178	32761	0.430	ng		100
26) Anthracene	17.542	178	27618	0.427	ng		100
28) Fluoranthene	19.467	202	33755	0.377	ng		99
30) Pyrene	19.830	202	34185	0.537	ng		100
32) Benzo(a)anthracene	21.578	228	23870	0.435	ng		99
33) Chrysene	21.632	228	25159	0.417	ng		99
34) Bis(2-ethylhexyl)phtha...	21.453	149	14324	0.541	ng		99
36) Indeno(1,2,3-cd)pyrene	26.735	276	22034	0.412	ng		98
37) Benzo(b)fluoranthene	23.320	252	21116	0.414	ng		97
38) Benzo(k)fluoranthene	23.373	252	20682	0.395	ng		97
39) Benzo(a)pyrene	23.984	252	18470	0.388	ng		97
40) Dibenzo(a,h)anthracene	26.762	278	17936	0.428	ng		98
41) Benzo(g,h,i)perylene	27.563	276	19517	0.402	ng		98

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

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