Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN101223\
Data File : BN028270.D
Acq On : 12 Oct 2023 20:47
Operator : MA/JU
Sample : SSTDICV0.4
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
ICVBN101223

Quant Time: Oct 13 02:19:23 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN101223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 13 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.893	152	2373	0.400	ng		0.00
7) Naphthalene-d8	10.714	136	7831	0.400	ng		0.00
13) Acenaphthene-d10	14.544	164	4810	0.400	ng		0.00
19) Phenanthrene-d10	17.306	188	10938	0.400	ng		0.00
29) Chrysene-d12	21.497	240	11500	0.400	ng		0.00
35) Perylene-d12	23.955	264	13889	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.423	112	2669	0.362	ng		0.00
5) Phenol-d6	7.062	99	3214	0.354	ng		0.00
8) Nitrobenzene-d5	9.102	82	2500	0.360	ng		0.00
11) 2-Methylnaphthalene-d10	12.302	152	4587	0.390	ng		0.00
14) 2,4,6-Tribromophenol	16.053	330	837	0.357	ng		0.00
15) 2-Fluorobiphenyl	13.165	172	6632	0.392	ng		0.00
27) Fluoranthene-d10	19.332	212	11812	0.404	ng		0.00
31) Terphenyl-d14	19.922	244	9419	0.386	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.299	88	1073	0.374	ng		95
3) n-Nitrosodimethylamine	3.660	42	1246	0.398	ng	#	99
6) bis(2-Chloroethyl)ether	7.329	93	2481	0.355	ng		96
9) Naphthalene	10.767	128	8145	0.401	ng		99
10) Hexachlorobutadiene	10.970	225	1385	0.397	ng	#	98
12) 2-Methylnaphthalene	12.377	142	5697	0.395	ng		99
16) Acenaphthylene	14.266	152	8423	0.390	ng		100
17) Acenaphthene	14.598	154	5519	0.405	ng		98
18) Fluorene	15.593	166	7225	0.403	ng		98
20) 4,6-Dinitro-2-methylph...	15.730	198	169	0.403	ng	#	53
21) 4-Bromophenyl-phenylether	16.487	248	2228	0.396	ng		95
22) Hexachlorobenzene	16.574	284	2381	0.410	ng		99
23) Atrazine	16.760	200	2041	0.386	ng		96
24) Pentachlorophenol	16.959	266	816	0.308	ng		95
25) Phenanthrene	17.343	178	11951	0.399	ng		100
26) Anthracene	17.443	178	11149	0.390	ng		99
28) Fluoranthene	19.365	202	15093	0.401	ng		99
30) Pyrene	19.732	202	15780	0.401	ng		99
32) Benzo(a)anthracene	21.480	228	16048	0.393	ng		99
33) Chrysene	21.533	228	16222	0.415	ng		99
34) Bis(2-ethylhexyl)phtha...	21.354	149	12244	0.392	ng		99
36) Indeno(1,2,3-cd)pyrene	26.530	276	21947	0.392	ng		99
37) Benzo(b)fluoranthene	23.194	252	16813	0.387	ng		98
38) Benzo(k)fluoranthene	23.244	252	17574	0.398	ng		97
39) Benzo(a)pyrene	23.844	252	16904	0.391	ng		98
40) Dibenzo(a,h)anthracene	26.542	278	17768	0.391	ng		100
41) Benzo(g,h,i)perylene	27.334	276	18425	0.393	ng		99

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

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