Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031903.D
Acq On : 11 Jun 2024 07:11
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4EC

Quant Time: Jun 11 07:38:31 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN061024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 10 15:47:32 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.668	152	11190	0.400	ng		0.00
7) Naphthalene-d8	10.442	136	37067	0.400	ng		#-0.01
13) Acenaphthene-d10	14.306	164	23160	0.400	ng		-0.01
19) Phenanthrene-d10	17.053	188	54364	0.400	ng		#-0.01
29) Chrysene-d12	21.256	240	47534	0.400	ng		0.00
35) Perylene-d12	23.484	264	46233	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.263	112	10325	0.325	ng		0.00
5) Phenol-d6	6.844	99	13592	0.326	ng		0.00
8) Nitrobenzene-d5	8.820	82	10132	0.329	ng		0.00
11) 2-Methylnaphthalene-d10	12.043	152	20252	0.343	ng		0.00
14) 2,4,6-Tribromophenol	15.800	330	3104	0.280	ng		-0.01
15) 2-Fluorobiphenyl	12.927	172	30800	0.351	ng		0.00
27) Fluoranthene-d10	19.091	212	48779	0.330	ng		0.00
31) Terphenyl-d14	19.695	244	37711	0.325	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	4672	0.341	ng		96
3) n-Nitrosodimethylamine	3.522	42	4532	0.348	ng		98
6) bis(2-Chloroethyl)ether	7.097	93	12544	0.349	ng		99
9) Naphthalene	10.496	128	34739	0.348	ng		100
10) Hexachlorobutadiene	10.773	225	6047	0.347	ng	#	100
12) 2-Methylnaphthalene	12.115	142	23733	0.348	ng		99
16) Acenaphthylene	14.028	152	34286	0.321	ng		100
17) Acenaphthene	14.370	154	23659	0.344	ng		99
18) Fluorene	15.354	166	31606	0.344	ng		100
20) 4,6-Dinitro-2-methylph...	15.450	198	2275	0.373	ng	#	86
21) 4-Bromophenyl-phenylether	16.247	248	10171	0.330	ng	#	81
22) Hexachlorobenzene	16.358	284	10825	0.339	ng		99
23) Atrazine	16.532	200	7849	0.278	ng		96
24) Pentachlorophenol	16.718	266	3798	0.357	ng		100
25) Phenanthrene	17.091	178	51422	0.341	ng		100
26) Anthracene	17.190	178	44850	0.320	ng		100
28) Fluoranthene	19.124	202	61116	0.334	ng		100
30) Pyrene	19.486	202	62645	0.332	ng		100
32) Benzo(a)anthracene	21.238	228	56322	0.315	ng		100
33) Chrysene	21.283	228	55505	0.328	ng		98
34) Bis(2-ethylhexyl)phtha...	21.166	149	30478	0.249	ng		98
36) Indeno(1,2,3-cd)pyrene	25.738	276	57119	0.331	ng		99
37) Benzo(b)fluoranthene	22.812	252	58939	0.350	ng		98
38) Benzo(k)fluoranthene	22.855	252	55116	0.346	ng		97
39) Benzo(a)pyrene	23.385	252	50121	0.345	ng		98
40) Dibenzo(a,h)anthracene	25.753	278	45147	0.332	ng		97
41) Benzo(g,h,i)perylene	26.428	276	48935	0.335	ng		99

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

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