Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061024\
Data File : BN031888.D
Acq On : 10 Jun 2024 22:10
Operator : MA/JU
Sample : SSTDCCC0.4
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDCCC0.4

Quant Time: Jun 11 00:11:37 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	7.667	152	10400	0.400	ng		0.00
7) Naphthalene-d8	10.453	136	34338	0.400	ng		0.00
13) Acenaphthene-d10	14.306	164	21821	0.400	ng		-0.01
19) Phenanthrene-d10	17.053	188	51067	0.400	ng		#-0.01
29) Chrysene-d12	21.255	240	45654	0.400	ng		0.00
35) Perylene-d12	23.490	264	48388	0.400	ng		-0.01
System Monitoring Compounds							
4) 2-Fluorophenol	5.270	112	9688	0.328	ng		0.00
5) Phenol-d6	6.844	99	12457	0.321	ng		0.00
8) Nitrobenzene-d5	8.819	82	9331	0.327	ng		0.00
11) 2-Methylnaphthalene-d10	12.047	152	18922	0.346	ng		0.00
14) 2,4,6-Tribromophenol	15.812	330	3019	0.289	ng		0.00
15) 2-Fluorobiphenyl	12.927	172	29227	0.353	ng		0.00
27) Fluoranthene-d10	19.095	212	46027	0.331	ng		0.00
31) Terphenyl-d14	19.699	244	36152	0.324	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.219	88	4327	0.340	ng		95
3) n-Nitrosodimethylamine	3.529	42	4321	0.357	ng		94
6) bis(2-Chloroethyl)ether	7.104	93	11624	0.348	ng		100
9) Naphthalene	10.495	128	32506	0.352	ng		100
10) Hexachlorobutadiene	10.773	225	5667	0.351	ng	#	99
12) 2-Methylnaphthalene	12.122	142	22128	0.350	ng		99
16) Acenaphthylene	14.028	152	32890	0.327	ng		100
17) Acenaphthene	14.370	154	22277	0.344	ng		99
18) Fluorene	15.364	166	30032	0.347	ng		100
20) 4,6-Dinitro-2-methylph...	15.461	198	2088	0.369	ng		94
21) 4-Bromophenyl-phenylether	16.259	248	9752	0.337	ng	#	91
22) Hexachlorobenzene	16.358	284	10447	0.348	ng		99
23) Atrazine	16.532	200	7846	0.296	ng		98
24) Pentachlorophenol	16.718	266	3861	0.373	ng		99
25) Phenanthrene	17.103	178	48461	0.342	ng		100
26) Anthracene	17.190	178	42470	0.323	ng		100
28) Fluoranthene	19.123	202	57811	0.336	ng		100
30) Pyrene	19.490	202	59483	0.328	ng		100
32) Benzo(a)anthracene	21.238	228	55305	0.322	ng		100
33) Chrysene	21.291	228	54834	0.337	ng		100
34) Bis(2-ethylhexyl)phtha...	21.175	149	33860	0.288	ng		98
36) Indeno(1,2,3-cd)pyrene	25.747	276	61567	0.341	ng		100
37) Benzo(b)fluoranthene	22.814	252	60103	0.341	ng		98
38) Benzo(k)fluoranthene	22.861	252	57151	0.343	ng		98
39) Benzo(a)pyrene	23.390	252	51857	0.341	ng		98
40) Dibenzo(a,h)anthracene	25.758	278	48433	0.341	ng		97
41) Benzo(g,h,i)perylene	26.442	276	51717	0.338	ng		99

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

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