Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN092023\
Data File : BN027757.D
Acq On : 20 Sep 2023 10:12
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 11 17:27:49 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN092023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 11 17:25:33 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.015	152	2060	0.400	ng		0.00
7) Naphthalene-d8	10.831	136	6948	0.400	ng		0.00
13) Acenaphthene-d10	14.651	164	4645	0.400	ng		0.01
19) Phenanthrene-d10	17.405	188	12509	0.400	ng	#	0.01
29) Chrysene-d12	21.578	240	12476	0.400	ng		0.00
35) Perylene-d12	24.075	264	11636	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.538	112	1189	0.228	ng		0.00
5) Phenol-d6	7.163	99	1367	0.210	ng		0.00
8) Nitrobenzene-d5	9.208	82	1060	0.193	ng		0.00
11) 2-Methylnaphthalene-d10	12.415	152	1979	0.195	ng		0.00
14) 2,4,6-Tribromophenol	16.152	330	374	0.189	ng		0.01
15) 2-Fluorobiphenyl	13.283	172	2880	0.184	ng		0.01
27) Fluoranthene-d10	19.421	212	6267	0.193	ng		0.00
31) Terphenyl-d14	20.006	244	4803	0.200	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.429	88	528	0.209	ng		91
3) n-Nitrosodimethylamine	3.776	42	567	0.195	ng	#	90
6) bis(2-Chloroethyl)ether	7.445	93	1287	0.202	ng		99
9) Naphthalene	10.885	128	3897	0.202	ng		97
10) Hexachlorobutadiene	11.109	225	694	0.207	ng	#	98
12) 2-Methylnaphthalene	12.491	142	2473	0.185	ng		97
16) Acenaphthylene	14.373	152	3647	0.184	ng		99
17) Acenaphthene	14.715	154	2799	0.199	ng		98
18) Fluorene	15.693	166	4018	0.197	ng		99
20) 4,6-Dinitro-2-methylph...	15.804	198	140	0.116	ng	#	47
21) 4-Bromophenyl-phenylether	16.586	248	1195	0.187	ng		92
22) Hexachlorobenzene	16.661	284	1458	0.201	ng		98
23) Atrazine	16.847	200	873	0.185	ng		97
24) Pentachlorophenol	17.033	266	556	0.175	ng		93
25) Phenanthrene	17.443	178	7117	0.194	ng		99
26) Anthracene	17.542	178	5757	0.184	ng		99
28) Fluoranthene	19.453	202	8579	0.191	ng		99
30) Pyrene	19.816	202	8981	0.200	ng		99
32) Benzo(a)anthracene	21.560	228	8090	0.187	ng		99
33) Chrysene	21.614	228	9587	0.201	ng		99
34) Bis(2-ethylhexyl)phtha...	21.435	149	3829	0.200	ng		99
36) Indeno(1,2,3-cd)pyrene	26.709	276	9203	0.186	ng		100
37) Benzo(b)fluoranthene	23.297	252	8764	0.190	ng	#	89
38) Benzo(k)fluoranthene	23.349	252	8840	0.189	ng	#	89
39) Benzo(a)pyrene	23.963	252	7845	0.188	ng	#	84
40) Dibenzo(a,h)anthracene	26.738	278	7490	0.185	ng		92
41) Benzo(g,h,i)perylene	27.527	276	8724	0.195	ng		98

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

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