Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103024\
Data File : BN034741.D
Acq On : 30 Oct 2024 09:56
Operator : RC/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Oct 30 13:31:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN103024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 30 13:28:24 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.604	152	6983	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	20698	0.400	ng		0.00
13) Acenaphthene-d10	14.233	164	10998	0.400	ng		0.00
19) Phenanthrene-d10	16.982	188	22797	0.400	ng		0.00
29) Chrysene-d12	21.178	240	13184	0.400	ng		0.00
35) Perylene-d12	23.361	264	12265	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.221	112	4312	0.204	ng		0.00
5) Phenol-d6	6.781	99	5560	0.202	ng		0.00
8) Nitrobenzene-d5	8.739	82	3152	0.194	ng		0.00
11) 2-Methylnaphthalene-d10	11.969	152	5800	0.194	ng		0.00
14) 2,4,6-Tribromophenol	15.729	330	981	0.181	ng		0.00
15) 2-Fluorobiphenyl	12.854	172	8685	0.200	ng		-0.01
27) Fluoranthene-d10	19.015	212	10060	0.188	ng		0.00
31) Terphenyl-d14	19.629	244	5727	0.202	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.206	88	1539	0.201	ng		99
3) n-Nitrosodimethylamine	3.502	42	1688	0.196	ng		98
6) bis(2-Chloroethyl)ether	7.041	93	3960	0.197	ng		100
9) Naphthalene	10.426	128	11339	0.198	ng		98
10) Hexachlorobutadiene	10.725	225	1887	0.200	ng	#	99
12) 2-Methylnaphthalene	12.045	142	7323	0.196	ng		98
16) Acenaphthylene	13.955	152	10758	0.195	ng		100
17) Acenaphthene	14.297	154	7103	0.193	ng		99
18) Fluorene	15.291	166	8950	0.195	ng		99
20) 4,6-Dinitro-2-methylph...	15.366	198	490	0.292	ng	#	42
21) 4-Bromophenyl-phenylether	16.188	248	2662	0.202	ng		97
22) Hexachlorobenzene	16.300	284	2986	0.202	ng		99
23) Atrazine	16.461	200	2167	0.191	ng		97
24) Pentachlorophenol	16.635	266	1008	0.159	ng		96
25) Phenanthrene	17.019	178	13315	0.199	ng		99
26) Anthracene	17.119	178	12243	0.195	ng		100
28) Fluoranthene	19.048	202	13922	0.188	ng		100
30) Pyrene	19.410	202	14157	0.205	ng		100
32) Benzo(a)anthracene	21.161	228	10110	0.193	ng		100
33) Chrysene	21.214	228	10033	0.195	ng		99
34) Bis(2-ethylhexyl)phtha...	21.125	149	8191	0.187	ng		99
36) Indeno(1,2,3-cd)pyrene	25.543	276	9518	0.211	ng		98
37) Benzo(b)fluoranthene	22.712	252	9196	0.186	ng	#	87
38) Benzo(k)fluoranthene	22.756	252	9145	0.190	ng	#	82
39) Benzo(a)pyrene	23.268	252	7834	0.192	ng	#	84
40) Dibenzo(a,h)anthracene	25.557	278	7423	0.211	ng	#	88
41) Benzo(g,h,i)perylene	26.197	276	8184	0.215	ng		95

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

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