Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN033024\
Data File : BN030533.D
Acq On : 29 Mar 2024 16:33
Operator : MA/JU
Sample : SSTDICC0.2
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.2

Quant Time: Mar 29 23:48:51 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN033024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 29 23:46:26 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.704	152	5348	0.400	ng		0.00
7) Naphthalene-d8	10.485	136	15857	0.400	ng		0.00
13) Acenaphthene-d10	14.338	164	8500	0.400	ng		0.00
19) Phenanthrene-d10	17.090	188	19388	0.400	ng		0.00
29) Chrysene-d12	21.285	240	17242	0.400	ng		0.00
35) Perylene-d12	23.527	264	17264	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.299	112	2289	0.197	ng		0.00
5) Phenol-d6	6.873	99	2828	0.189	ng		0.00
8) Nitrobenzene-d5	8.852	82	2128	0.191	ng		0.00
11) 2-Methylnaphthalene-d10	12.081	152	4771	0.197	ng		0.00
14) 2,4,6-Tribromophenol	15.836	330	557	0.173	ng		0.00
15) 2-Fluorobiphenyl	12.969	172	6875	0.209	ng		0.00
27) Fluoranthene-d10	19.126	212	9972	0.191	ng		0.00
31) Terphenyl-d14	19.735	244	7800	0.196	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.233	88	1475	0.229	ng		94
3) n-Nitrosodimethylamine	3.551	42	1200	0.192	ng	#	98
6) bis(2-Chloroethyl)ether	7.141	93	2917	0.197	ng		98
9) Naphthalene	10.539	128	8890	0.202	ng		98
10) Hexachlorobutadiene	10.827	225	1855	0.207	ng	#	99
12) 2-Methylnaphthalene	12.157	142	5673	0.197	ng		97
16) Acenaphthylene	14.060	152	7244	0.188	ng		99
17) Acenaphthene	14.402	154	5218	0.196	ng		98
18) Fluorene	15.396	166	6755	0.195	ng		99
20) 4,6-Dinitro-2-methylph...	15.471	198	326	0.281	ng	#	45
21) 4-Bromophenyl-phenylether	16.283	248	2292	0.196	ng		98
22) Hexachlorobenzene	16.395	284	2841	0.203	ng		99
23) Atrazine	16.556	200	1520	0.178	ng		95
24) Pentachlorophenol	16.742	266	639	0.282	ng		99
25) Phenanthrene	17.127	178	11368	0.198	ng		99
26) Anthracene	17.227	178	8798	0.182	ng		100
28) Fluoranthene	19.154	202	12886	0.189	ng		100
30) Pyrene	19.521	202	13249	0.196	ng		100
32) Benzo(a)anthracene	21.267	228	11329	0.186	ng		99
33) Chrysene	21.321	228	13007	0.199	ng		100
34) Bis(2-ethylhexyl)phtha...	21.213	149	4787	0.181	ng	#	99
36) Indeno(1,2,3-cd)pyrene	25.796	276	14369	0.188	ng		99
37) Benzo(b)fluoranthene	22.855	252	13186	0.188	ng	#	92
38) Benzo(k)fluoranthene	22.896	252	13370	0.190	ng	#	92
39) Benzo(a)pyrene	23.428	252	10247	0.182	ng	#	89
40) Dibenzo(a,h)anthracene	25.814	278	11335	0.187	ng		96
41) Benzo(g,h,i)perylene	26.486	276	12687	0.195	ng		98

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

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