Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103024\
Data File : BN034740.D
Acq On : 30 Oct 2024 09:20
Operator : RC/JU
Sample : SSTDICC0.1
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.1

Quant Time: Oct 30 13:31:29 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	6966	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	20732	0.400	ng		0.00
13) Acenaphthene-d10	14.233	164	11210	0.400	ng		0.00
19) Phenanthrene-d10	16.982	188	24788	0.400	ng		0.00
29) Chrysene-d12	21.178	240	14730	0.400	ng		0.00
35) Perylene-d12	23.361	264	13293	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.221	112	2272	0.108	ng		0.00
5) Phenol-d6	6.781	99	2917	0.106	ng		0.00
8) Nitrobenzene-d5	8.739	82	1657	0.102	ng		0.00
11) 2-Methylnaphthalene-d10	11.965	152	2990	0.100	ng		0.00
14) 2,4,6-Tribromophenol	15.728	330	557	0.101	ng		0.00
15) 2-Fluorobiphenyl	12.854	172	4463	0.101	ng		-0.01
27) Fluoranthene-d10	19.020	212	5792	0.100	ng		0.00
31) Terphenyl-d14	19.628	244	3356	0.106	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	868	0.114	ng		95
3) n-Nitrosodimethylamine	3.509	42	881	0.102	ng		98
6) bis(2-Chloroethyl)ether	7.040	93	2012	0.101	ng		97
9) Naphthalene	10.415	128	5961	0.104	ng	#	94
10) Hexachlorobutadiene	10.725	225	990	0.105	ng	#	99
12) 2-Methylnaphthalene	12.041	142	3724	0.099	ng	#	94
16) Acenaphthylene	13.955	152	5681	0.101	ng		99
17) Acenaphthene	14.297	154	3749	0.100	ng		98
18) Fluorene	15.291	166	4743	0.102	ng		99
21) 4-Bromophenyl-phenylether	16.188	248	1457	0.102	ng		95
22) Hexachlorobenzene	16.299	284	1642	0.102	ng		99
23) Atrazine	16.461	200	1214	0.098	ng		93
24) Pentachlorophenol	16.635	266	629	0.091	ng		94
25) Phenanthrene	17.019	178	7224	0.099	ng		99
26) Anthracene	17.119	178	6694	0.098	ng		99
28) Fluoranthene	19.048	202	7945	0.099	ng		100
30) Pyrene	19.410	202	8126	0.106	ng		99
32) Benzo(a)anthracene	21.160	228	5965	0.102	ng		99
33) Chrysene	21.214	228	5879	0.102	ng		98
34) Bis(2-ethylhexyl)phtha...	21.125	149	5476	0.112	ng		99
36) Indeno(1,2,3-cd)pyrene	25.537	276	5041	0.103	ng	#	85
37) Benzo(b)fluoranthene	22.709	252	5282	0.099	ng	#	71
38) Benzo(k)fluoranthene	22.753	252	5191	0.099	ng	#	61
39) Benzo(a)pyrene	23.268	252	4369	0.099	ng	#	62
40) Dibenzo(a,h)anthracene	25.560	278	3951	0.104	ng	#	71
41) Benzo(g,h,i)perylene	26.197	276	4327	0.105	ng	#	82

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

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