Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN103024\
Data File : BN034743.D
Acq On : 30 Oct 2024 11:08
Operator : RC/JU
Sample : SSTDICC0.8
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC0.8

Quant Time: Oct 30 13:32:45 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	7844	0.400	ng		0.00
7) Naphthalene-d8	10.372	136	23416	0.400	ng		0.00
13) Acenaphthene-d10	14.233	164	12641	0.400	ng		0.00
19) Phenanthrene-d10	16.982	188	27616	0.400	ng		0.00
29) Chrysene-d12	21.178	240	17392	0.400	ng		0.00
35) Perylene-d12	23.361	264	14751	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.220	112	20290	0.854	ng		0.00
5) Phenol-d6	6.780	99	26015	0.843	ng		0.00
8) Nitrobenzene-d5	8.739	82	15848	0.861	ng		0.00
11) 2-Methylnaphthalene-d10	11.969	152	29411	0.868	ng		0.00
14) 2,4,6-Tribromophenol	15.728	330	5165	0.827	ng		0.00
15) 2-Fluorobiphenyl	12.864	172	43648	0.877	ng		0.00
27) Fluoranthene-d10	19.015	212	55546	0.858	ng		0.00
31) Terphenyl-d14	19.628	244	32374	0.867	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.205	88	7250	0.843	ng		95
3) n-Nitrosodimethylamine	3.502	42	8426	0.869	ng		100
6) bis(2-Chloroethyl)ether	7.040	93	19568	0.868	ng		100
9) Naphthalene	10.426	128	55797	0.862	ng		99
10) Hexachlorobutadiene	10.725	225	9215	0.864	ng	#	99
12) 2-Methylnaphthalene	12.041	142	36777	0.868	ng		99
16) Acenaphthylene	13.955	152	54517	0.860	ng		100
17) Acenaphthene	14.297	154	36855	0.872	ng		99
18) Fluorene	15.291	166	45912	0.872	ng		99
20) 4,6-Dinitro-2-methylph...	15.366	198	3291	0.802	ng	#	69
21) 4-Bromophenyl-phenylether	16.188	248	13565	0.849	ng		100
22) Hexachlorobenzene	16.299	284	15374	0.859	ng		99
23) Atrazine	16.461	200	11835	0.860	ng		99
24) Pentachlorophenol	16.635	266	6270	0.814	ng		98
25) Phenanthrene	17.019	178	70004	0.862	ng		100
26) Anthracene	17.106	178	64216	0.845	ng		100
28) Fluoranthene	19.048	202	77562	0.866	ng		100
30) Pyrene	19.410	202	79305	0.872	ng		100
32) Benzo(a)anthracene	21.160	228	59862	0.865	ng		99
33) Chrysene	21.214	228	58705	0.866	ng		100
34) Bis(2-ethylhexyl)phtha...	21.125	149	48274	0.834	ng		100
36) Indeno(1,2,3-cd)pyrene	25.539	276	46389	0.855	ng		100
37) Benzo(b)fluoranthene	22.709	252	51704	0.871	ng		94
38) Benzo(k)fluoranthene	22.753	252	50258	0.867	ng		94
39) Benzo(a)pyrene	23.265	252	42305	0.863	ng	#	92
40) Dibenzo(a,h)anthracene	25.557	278	36275	0.857	ng		96
41) Benzo(g,h,i)perylene	26.194	276	39205	0.857	ng		99

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

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