Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN030823\
Data File : BN024152.D
Acq On : 07 Mar 2023 19:20
Operator : CG/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Mar 08 02:24:24 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 08 02:17:11 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.064	152	8707	0.400	ng		0.00
7) Naphthalene-d8	10.883	136	23576	0.400	ng		0.00
13) Acenaphthene-d10	14.698	164	12140	0.400	ng		0.00
19) Phenanthrene-d10	17.439	188	23606	0.400	ng		0.00
29) Chrysene-d12	21.625	240	19507	0.400	ng	#	0.00
35) Perylene-d12	24.135	264	13426	0.400	ng		-0.02
System Monitoring Compounds							
4) 2-Fluorophenol	5.594	112	57721	3.168	ng		0.00
5) Phenol-d6	7.204	99	76457	3.228	ng		0.00
8) Nitrobenzene-d5	9.228	82	36623	3.382	ng		0.00
11) 2-Methylnaphthalene-d10	12.461	152	127642	3.394	ng		0.00
14) 2,4,6-Tribromophenol	16.173	330	18416	3.662	ng		0.00
15) 2-Fluorobiphenyl	13.319	172	149428	3.118	ng		0.00
27) Fluoranthene-d10	19.465	212	161214	3.374	ng		0.00
31) Terphenyl-d14	20.058	244	107630	3.120	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.449	88	26302	3.016	ng		100
3) n-Nitrosodimethylamine	3.767	42	37701	3.149	ng	#	97
6) bis(2-Chloroethyl)ether	7.479	93	72557	3.061	ng		100
9) Naphthalene	10.925	128	187305	3.153	ng		99
10) Hexachlorobutadiene	11.224	225	36332	3.084	ng	#	99
12) 2-Methylnaphthalene	12.503	142	495	1.718	ng	#	87
16) Acenaphthylene	14.410	152	186228	3.407	ng		100
17) Acenaphthene	14.752	154	116012	3.275	ng		96
18) Fluorene	15.739	166	141755	3.336	ng		98
20) 4,6-Dinitro-2-methylph...	15.801	198	8378	3.226	ng	#	67
21) 4-Bromophenyl-phenylether	16.632	248	41383	3.255	ng		98
22) Hexachlorobenzene	16.744	284	57389	3.121	ng		99
23) Atrazine	16.893	200	27207	3.184	ng		96
24) Pentachlorophenol	17.079	266	28379	3.175	ng		99
25) Phenanthrene	17.477	178	225412	3.231	ng		100
26) Anthracene	17.576	178	211828	3.451	ng		100
28) Fluoranthene	19.494	202	253205	3.405	ng		100
30) Pyrene	19.861	202	263451	3.116	ng		99
32) Benzo(a)anthracene	21.607	228	198221	3.284	ng		99
33) Chrysene	21.670	228	211256	3.077	ng		99
34) Bis(2-ethylhexyl)phtha...	21.536	149	77767	3.251	ng		99
36) Indeno(1,2,3-cd)pyrene	26.769	276	153222	3.549	ng		100
37) Benzo(b)fluoranthene	23.369	252	169113	3.428	ng	#	94
38) Benzo(k)fluoranthene	23.422	252	183964	3.441	ng	#	94
39) Benzo(a)pyrene	24.027	252	158659	3.480	ng	#	93
40) Dibenzo(a,h)anthracene	26.787	278	114707	3.600	ng		94
41) Benzo(g,h,i)perylene	27.568	276	139357	3.392	ng		96

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

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