Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN100223\
Data File : BN027992.D
Acq On : 02 Oct 2023 18:05
Operator : MA/JU
Sample : SSTDICC3.2
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
SSTDICC3.2

Quant Time: Oct 02 18:47:57 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN100223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 02 18:31:30 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.951	152	4732	0.400	ng		0.00
7) Naphthalene-d8	10.767	136	14845	0.400	ng		0.00
13) Acenaphthene-d10	14.587	164	9038	0.400	ng		-0.01
19) Phenanthrene-d10	17.344	188	19376	0.400	ng		0.00
29) Chrysene-d12	21.533	240	18865	0.400	ng		0.00
35) Perylene-d12	24.013	264	14753	0.400	ng		0.00
System Monitoring Compounds							
4) 2-Fluorophenol	5.481	112	40380	2.757	ng		0.00
5) Phenol-d6	7.106	99	52921	2.905	ng		0.00
8) Nitrobenzene-d5	9.145	82	40395	3.258	ng		0.00
11) 2-Methylnaphthalene-d10	12.351	152	71225	3.286	ng		0.00
14) 2,4,6-Tribromophenol	16.090	330	13568	3.388	ng		0.00
15) 2-Fluorobiphenyl	13.219	172	101446	3.149	ng		0.00
27) Fluoranthene-d10	19.379	212	161786	3.355	ng		0.00
31) Terphenyl-d14	19.964	244	127589	2.890	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.365	88	16539	2.708	ng		97
3) n-Nitrosodimethylamine	3.704	42	18954	3.086	ng	#	98
6) bis(2-Chloroethyl)ether	7.387	93	45015	3.120	ng		100
9) Naphthalene	10.821	128	122819	3.233	ng		98
10) Hexachlorobutadiene	11.045	225	21451	3.163	ng	#	99
12) 2-Methylnaphthalene	12.423	142	87009	3.288	ng		99
16) Acenaphthylene	14.320	152	133635	3.452	ng		100
17) Acenaphthene	14.651	154	82544	3.284	ng		100
18) Fluorene	15.643	166	108198	3.311	ng		100
20) 4,6-Dinitro-2-methylph...	16.797	198	807	2.872	ng	#	47
21) 4-Bromophenyl-phenylether	16.524	248	32848	3.350	ng		97
22) Hexachlorobenzene	16.611	284	33884	3.243	ng		98
23) Atrazine	16.797	200	29430	3.452	ng		98
24) Pentachlorophenol	16.984	266	18168	3.996	ng		94
25) Phenanthrene	17.393	178	171023	3.345	ng		99
26) Anthracene	17.480	178	165082	3.466	ng		100
28) Fluoranthene	19.407	202	199996	3.342	ng		100
30) Pyrene	19.774	202	207440	3.028	ng		99
32) Benzo(a)anthracene	21.516	228	195259	3.049	ng		99
33) Chrysene	21.578	228	185570	2.999	ng		98
34) Bis(2-ethylhexyl)phtha...	21.390	149	129181	2.768	ng		99
36) Indeno(1,2,3-cd)pyrene	26.612	276	153139	3.180	ng		99
37) Benzo(b)fluoranthene	23.244	252	155533	3.298	ng	#	88
38) Benzo(k)fluoranthene	23.294	252	158047	3.320	ng	#	88
39) Benzo(a)pyrene	23.899	252	145396	3.278	ng	#	84
40) Dibenzo(a,h)anthracene	26.630	278	125769	3.195	ng	#	89
41) Benzo(g,h,i)perylene	27.428	276	127468	3.153	ng		94

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

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